

# CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY REGIONAL WATER QUALITY CONTROL BOARD CENTRAL VALLEY REGION

# A Compilation of WATER QUALITY GOALS



August 2000

#### State of California

California Environmental Protection Agency

# REGIONAL WATER QUALITY CONTROL BOARD CENTRAL VALLEY REGION

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This publication is a technical report by staff of the California Regional Water Quality Control Board, Central Valley Region.

No policy or regulation is either expressed or intended.

# CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY REGIONAL WATER QUALITY CONTROL BOARD CENTRAL VALLEY REGION

# A Compilation of WATER QUALITY GOALS

August 2000

#### REPORT PREPARED BY:

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# Winston H. Hickox Secretary for Environmental Protection

### California Regional Water Quality Control Board

#### Central Valley Region

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TO:

Technical Staff

and Other Interested Persons

FROM:

Jon B. Marshack, D.Env.

Senior Environmental Specialist

Environmental/Technical Support

DATE:

11 October 2000

**SIGNATURE** 

SUBJECT: NEW PUBLIC HEALTH GOALS FOR CHEMICALS IN DRINKING WATER

In September 2000, the California Office of Environmental Health Hazard Assessment (OEHHA) adopted six new Public Health Goals (PHGs) for chemicals in drinking water. PHGs are levels of drinking water contaminants at which adverse health effects are not expected to occur from a lifetime of exposure. The California Safe Drinking Water Act of 1996 (Health and Safety Code Section 116365) requires OEHHA to adopt PHGs based exclusively on public health considerations. PHGs adopted by OEHHA will be considered by the California Department of Health Services in establishing or revising primary drinking water standards (California Maximum Contaminant Levels, or MCLs).

PHGs and other toxicological criteria may be used to evaluate compliance with narrative water quality objectives for Toxicity in the Basin Plans, as these objectives relate to beneficial uses involving human exposures (e.g., municipal and domestic supply or "MUN"). Therefore, ambient groundwater or surface water with chemical concentrations above PHGs could be interpreted as violating water quality objectives if the waters are designated MUN.

The new Public Health Goals for drinking water are as follows:

Carbofuran	1.7	ug/L (ppb)
Carbon tetrachloride	0.1	ug/L (ppb)
Dichloromethane (Methylene chloride)	4	ug/L (ppb)
Diquat	15	ug/L (ppb)
Thiobencarb <sup>1</sup>	70	ug/L (ppb)
Vinyl chloride	0.05	ug/L (ppb)

Technical support documents for these PHGs are available in electronic format. Please contact me by phone (916-255-3123 or CalNet 8-494-3123) or by e-mail (MarshaJ@rb5s.swrcb.ca.gov) if you need one or more of these documents or if you have any questions.

cc: Frances McChesney, Office of the Chief Counsel, SWRCB Tim Regan, Office of the Chief Counsel, SWRCB



This PHG covers the parent compound, (thiobencarb), its chlorobenzyl and chlorophenyl moiety-containing degradation products and oxidation products such as thiobencarb sulfoxide, thiobencarb sulfone, and 4-chlorobenzosulfonic acid.

## Winston H. Hickox Secretary for Environmental Protection

# California Regional Water Quality Control Board

#### **Central Valley Region**



#### Sacramento Main Office

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TO:

Technical Staff

FROM:

Jon B. Marshack, D.Env.

and Other Interested Persons

Senior Environmental Specialist

Environmental/Technical Support

DATE:

5 December 2000

SUBJECT: NEW ACTION LEVELS AND IRIS CRITERIA FOR DRINKING WATER

#### DHS Action Levels

In October and November, the California Department of Health Services published eight new Action Levels for chemicals in drinking water. Action Levels are health-based advisory levels for chemicals that do not yet have primary Maximum Contaminant Levels (MCLs). The new Action Levels for drinking water are as follows:

Vanadium	15	ug/L (ppb)
sec-Butylbenzene	260	ug/L (ppb)
tert-Butylbenzene	260	ug/L (ppb)
Isopropylbenzene (Cumene)	770	ug/L (ppb)
N-Methyl dithiocarbamate (Metam sodium)	20	ug/L (ppb)
Methylisothiocyanate (MITC)	50	ug/L (ppb)
n-Propylbenzene	260	ug/L (ppb)
2,3,5,6-Tetrachlorotherephthalate	3500	ug/L (ppb)

#### USEPA IRIS Criteria

Since August, USEPA has published revisions to their Integrated Risk Information System (IRIS) database. IRIS contains two types of toxicologic criteria, reference doses for non-cancer health effects and cancer risk levels. Drinking water concentrations may be derived from these criteria using standard toxicologic assumptions. The new and revised IRIS criteria as drinking water concentrations are as follows:



See "Selecting Water Quality Goals" in the CVRWQCB report A Compilation of Water Quality Goals (August 2000).

	Refe	rence Dose	<u>10</u>	<sup>6</sup> Cancer Risk Level
Chloral hydrate	70	ug/L (ppb)		
Chlorine dioxide	210	ug/L (ppb)		
Chlorite (sodium salt)	210	ug/L (ppb)		:
Vinyl chloride			0.048	ug/L (ppb) adult exposure
			0.024	ug/L (ppb) exposure since birth

The difference between the two vinyl chloride criteria is the assumed exposure duration.

Action Levels, IRIS criteria and other toxicologic limits may be used to evaluate compliance with narrative water quality objectives for Toxicity in the Basin Plans, as these objectives relate to beneficial uses involving human exposures (e.g., municipal and domestic supply or "MUN"). Therefore, ambient groundwater or surface water with chemical concentrations above DHS Action Levels could be interpreted as violating water quality objectives if the waters are designated MUN.

The above criteria and the six Public Health Goals adopted by OEHHA in September (see my memo of 11 October 2000) are not contained in the August 2000 edition of *Water Quality Goals*. The *Water Quality Goals* report and updates may be obtained on the internet at www.swrcb.ca.gov/rwqcb5/wq goals.

Please contact me by phone at (916) 255-3123 or CalNet 8-494-3123 or by e-mail at marshaj@rb5s.swrcb.ca.gov if you have questions.

cc: Frances McChesney, Office of the Chief Counsel, SWRCB Tim Regan, Office of the Chief Counsel, SWRCB

## California Regional Water Quality Control Board

#### **Central Valley Region**

Robert Schneider, Chair



#### Sacramento Main Office

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TO:

Winston H. Hickox Secretary for

Environmental

Protection

Technical Staff

and Other Interested Persons

FROM:

Jon B. Marshack, D.Env.

Senior Environmental Specialist

Environmental/Technical Support

DATE:

8 February 2001

SUBJECT: WATER QUALITY GOALS UPDATE

This is the third notice of changes since the publication of the August 2000 edition of A Compilation of Water Quality Goals. This notice contains an explanation of the most recent changes as well as instructions for updating your copy of that document to reflect all three notices. The Water Quality Goals report and all updates may be obtained on the internet at www.swrcb.ca.gov/rwqcb5/wq goals.

#### New Arsenic MCL

On 22 January, USEPA adopted a new drinking water standard for arsenic. The new Primary Maximum Contaminant Level (MCL) of 10 ug/L is lower than California's current MCL of 50 ug/L. The Safe Drinking Water Act requires that State MCLs be equal to or lower than federal MCLs; so, expect to see a new California MCL for arsenic in the near future. MCLs are not purely health protective concentrations. They include technologic and economic factors associated with providing municipal water at the tap.

Arsenic in drinking water at concentrations lower than the MCL are associated with significant adverse health effects. Arsenic is a known human carcinogen. USEPA adopts MCL Goals at a level that represents no health risk. Because exposure to any amount of a carcinogen is theoretically associated with some risk of getting cancer, USEPA sets MCL Goals for known and probable human carcinogens at "zero." A new MCL Goal for arsenic has been set at this level. The one-in-a-million cancer risk level - the concentration of arsenic in drinking water associated with one additional cancer case in a million persons exposed over their lifetimes - has been estimated at 0.02 ug/L. In interpreting the narrative Toxicity objective in the Basin Plan for carcinogens, we normally cite the one-in-a-million cancer risk level as the de minimis or negligible level of cancer risk associated with involuntary exposure of humans to municipal and domestic water supplies. However, natural background concentrations of arsenic in most locations are expected to exceed this concentration.

California Environmental Protection Agency



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Arsenic exposure is also associated with other adverse health effects, including cellular necrosis, skin lesions and abnormal nerve conduction. USEPA's Integrated Risk Information System (IRIS) database includes a reference dose (RfD) for arsenic. The RfD can be converted into a concentration of arsenic in drinking water that should protect against non-cancer health effects. That concentration is 2.1 ug/L.

The state Office of Environmental Health Hazard Assessment is expected to propose a Public Health Goal for arsenic in drinking water in the near future.

#### Radionuclide MCLs

On 7 December, USEPA revised the federal drinking water regulations for radionuclides. A new federal Primary MCL was adopted for uranium at 30 ug/L, with an effective date for community water systems of 8 December 2003. Because radionuclides are carcinogens, MCL Goals of "zero" were also adopted by USEPA for gross alpha particle activity, gross beta particle and photon activity, radium-226 plus radium-228, and uranium.

The current California Primary MCL for uranium – 20 picocuries per liter (pCi/L) – is in different units than the new federal MCL. The Department of Health Services plans to propose adoption of a new California Primary MCL for uranium that is equal to the new federal MCL.

#### Methylmercury Water Quality Criterion

In late January, USEPA issued a new recommended Ambient Water Quality Criterion for methylmercury to protect human health from exposure to mercury from the aquatic environment. The new criterion is 0.3 mg methylmercury per kg of fish or shellfish tissue. It replaces older recommended human health criteria for total mercury in surface waters. The promulgated California Toxics Rule criteria for human health protection from mercury in sources of drinking water (0.050 ug/L) and in waters that are not sources of drinking water (0.051 ug/L) are unchanged, and still enforceable.

"[US]EPA concluded that it is more appropriate at this time to derive a fish tissue (including shellfish) residue water quality criterion for methylmercury rather than a water column-based water quality criterion . . . for many reasons. Such a criterion integrates spatial and temporal complexity that occurs in aquatic systems and that affects methylmercury bioaccumulation. A fish tissue residue water quality criterion is more closely tied to the Clean Water Act goal of protecting the public health because it is based directly on the dominant human exposure route for methylmercury. The concentration of methylmercury is also generally easier to quantify in fish tissue than in water and is less variable over the time periods in which water quality standards are typically implemented in water quality-based. Thus, the data used in permitting activities can be based on a more consistent and measurable endpoint. A fish tissue residue criterion is also consistent with how fish advisories are issued. Fish advisories for mercury are based on the amount of methylmercury in fish tissue that is considered acceptable, although they are usually issued for a certain fish or shellfish species in terms of a meal size. A fish tissue residue water quality criterion should enhance harmonization between these two approaches for protecting the public health."

USEPA is developing guidance for using the new methylmercury criterion, including procedures for translating methylmercury concentrations in fish to total mercury concentrations in ambient surface water or effluent.

#### **Updating Water Quality Goals**

Please make the following changes to your hard copy of A Compilation of Water Quality Goals, August 2000 edition, to reflect the above changes, changes discussed in my memoranda dated 11 October 2000 and 5 December 2000, and to correct a few errors and omissions:

#### Inorganics Page 1

Arsenic: Change USEPA Primary MCL to 10 ug/L and delete footnotes. Delete footnote for USEPA MCL Goal.

Boron: Add footnote (160) for California State Action Level - Toxicity.

#### Inorganics Page 2

Chlorine dioxide: Add entry of "210" for USEPA IRIS Reference Dose.

Chlorite: Change entry to "210" for USEPA IRIS Reference Dose.

Chromium (III): Add entry of "10,500" for USEPA IRIS Reference Dose. Delete entry, but keep footnote, for Cancer Risk Estimates – USEPA IRIS.

#### Inorganics Page 3

Mercury, inorganic: Delete entries in the first and second columns under Non-Cancer Health Effects

#### Inorganics Page 7

Radioactivity, Gross Alpha: Change footnote to (110) for USEPA MCL Goal.

Radioactivity, Gross Beta: Delete footnote for USEPA MCL Goal.

Radium-226 + Radium-228: Delete footnote for USEPA MCL Goal.

Uranium: Change USEPA Primary MCL to 30 ug/L and change footnote to (159). Delete footnote for USEPA MCL Goal.

Vanadium: Add entry of "15" for California State Action Level - Toxicity.

#### Organics Page 13

Add new lines for sec-Butylbenzene and tert-Butylbenzene: Add entries of "260" for both chemicals under California State Action Level – Toxicity.

Carbofuran: Delete footnote for California Public Health Goal.

Carbon tetrachloride: Delete footnote for California Public Health Goal.

#### Organics Page 14

Chloral hydrate: Add the entry of "70" for USEPA IRIS Reference Dose.

#### Organics Page 25

Dichloromethane: Change entry to "4" and delete footnote for California Public Health Goal.

#### Organics Page 37

Diquat: Delete footnote for California Public Health Goal.

#### Organics Page 49

Add new line for *Isopropylbenzene*: Add entry of "260" for California State Action Level – Toxicity.

#### Organics Page 55

Add new line for *N-Methyldithiocarbamate (Metam)*: Add entry of "20" for California State Action Level – Toxicity.

Add new line for *Methylisothiocyanate (MITC)*: Add entry of "50" for California State Action Level – Toxicity.

#### Organics Page 57

Methyl mercury: Add the entry of "0.3 mg/kg (161)" in the first and second columns under Non-Cancer Health Effects.

#### Organics Page 73

Add new line for *n-Propylbenzene*: Add entry of "260" for California State Action Level – Toxicity.

Add new line for 2,3,5,6-Tetrachloroterephthalate: Add entry of "3500" for California State Action Level – Toxicity.

#### Organics Page 79

Thiobencarb: Change footnote to (158) for California Public Health Goal.

#### Organics Page 85

Vinyl chloride: Change entry to "0.05" and delete footnote for California Public Health Goal.

#### Organics Page 86

Vinyl chloride: Change entry to "0.048 / 0.024" for Cancer Risk Estimates – USEPA IRIS.

#### Footnotes Page 2

Add footnote (158): This limit covers the parent compound (thiobencarb), its chlorobenzyl and chlorophenyl moiety-containing degradation products and oxidation products such as thiobencarb sulfoxide, thiobencarb sulfone, and 4-chlorobenzosulfonic acid.

Add footnote (159): Effective 8 December 2003 for all community water systems.

Add footnote (160): Value rounded from 0.6 mg/L.

Add footnote (161): Concentration in fish or shellfish tissue.

Please contact me by phone at (916) 255-3123 or CalNet 8-494-3123 or by e-mail at marshaj@rb5s.swrcb.ca.gov if you have questions.

cc: Frances McChesney, Office of the Chief Counsel, SWRCB Tim Regan, Office of the Chief Counsel, SWRCB

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# PREFACE TO THE AUGUST 2000 EDITION

This edition of the Regional Water Board staff report, A Compilation of Water Quality Goals, supersedes all earlier editions and updates. These and earlier editions and updates should be discarded, as they contain outdated information. The new edition contains information that is current as of late August 2000.

Many significant changes have been incorporated into this edition of *Water Quality Goals*. Numerical water quality limits are newly added from the following sources:

- ◆ The California Toxics Rule -- Water Quality Standards; Establishment of Numeric Criteria for Priority Toxic Pollutants for the State of California promulgated by the U. S. Environmental Protection Agency (USEPA) on 18 May 2000; and
- Hazard Assessments and Water Quality Criteria for pesticides, from the California Department of Fish and Game.

Updated numerical water quality limits are included from the following sources:

- California Public Health Goals for drinking water from the California Environmental Protection Agency (Cal/EPA), Office of Environmental Health Hazard Assessment (OEHHA);
- California Maximum Contaminant Levels and, Action Levels for drinking water from the California Department of Health Services;
- Drinking Water Regulations and Health Advisories from USEPA;
- Reference doses and cancer potency factors from the Integrated Risk Information System (IRIS) database, maintained by USEPA;
- National Recommended Ambient Water Quality Criteria for protection of human health and aquatic life, published by USEPA; and
- Cancer risk estimates from the Cal/EPA Toxicity
   Criteria Database, maintained by OEHHA.

In addition, Chemical Abstracts Service (CAS) Registry Numbers have been added to help clarify the identity of most listed chemicals.

The narrative Selecting Water Quality Goals has been updated to better assist the user in proper selec-

tion of numerical limits from the tables to ascertain compliance with California's water quality standards. To use this report correctly, it is necessary to read the enclosed narrative Selecting Water Quality Goals carefully before selecting numerical water quality limits from the tables. That narrative includes an example of water quality goal selection.

A Compilation of Water Quality Goals is a technical report by staff of the California Regional Water Quality Control Board, Central Valley Region. It is intended to assist in the appropriate interpretation of narrative water quality objectives. This report does not, nor is it intended to, establish policy or regulation.

The August 2000 edition of A Compilation of Water Quality Goals is available on the Central Valley Regional Water Board's internet web site at:

www.swrcb.ca.gov/rwqcb5
Additional hard copies of Water Quality Goals are available in person or by mail from the Reception
Desk at the Sacramento Office of the California Regional Water Quality Control Board, Central Valley
Region, 3443 Routier Road, Suite A, Sacramento, CA
95827-3003. Public agencies may receive copies free of charge, with the allowable number of copies per agency based on current supply and budgetary constraints. Private entities may receive the report for \$38.00 per copy. This charge covers the cost of reproduction, shipping and handling. Payment, if applicable, must accompany all requests. Checks are to be made payable to the Central Valley Regional Water Quality Control Board.

This staff report is not copyrighted. Persons are free to make copies of all or portions of this report. However, the author cautions that copies of the tables of numerical water quality limits without the accompanying narrative Selecting Water Quality Goals could result in misuse of the information.

If you have questions regarding this edition of the Water Quality Goals staff report, please contact me by telephone at (916) 255-3123 or CalNet 8-494-3123 or by E-mail at marshaj@rb5s.swrcb.ca.gov.

—Jon B. Marshack

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## USING THIS REPORT

The remainder of this report is divided into six sections:

- Selecting Water Quality Goals
- ◆ Cross Reference of Chemical Names
- ♦ Water Quality Goals for Inorganic Constituents
- ♦ Water Quality Goals for Organic Constituents
- ♦ Footnotes
- ♦ References

Selecting Water Quality Goals — This section describes the process by which numerical limits for water quality parameters and constituents may be selected to protect beneficial uses of groundwater and surface

waters. A glossary of commonly used terms is included at the end of this section.

# Cross Reference of Chemical Names—

This section provides an alphabetical listing of synonyms for the chemical constituents and parameters covered by this report. Many chemical constituents and pa-

rameters are commonly referred to by more than one name. Look here first to find your chemical constituent or parameter of interest. This section indicates whether the constituent or parameter is listed under Organic Constituents or Inorganic Constituents. It also shows under which name the constituent or parameter is listed in the tables of Water Quality Goals. Chemical Abstracts Service (CAS) Registry Numbers are also provided to help clarify the identity of most constituents.

Water Quality Goals — These two sections contain tables of numerical water quality limits divided into: Organic Constituents (those chemicals whose chemistry is dominated by the chemistry of the carbon

atom) and *Inorganic Constituents* (all other chemicals and parameters). Within these sections, numerical water quality limits for a single constituent or parameter are presented on groups of five consecutive pages. This makes comparison of limits easier for a single chemical. It takes this many pages to present the wide range of water quality numerical limits covered by this report. Therefore, for any constituent or parameter of interest, be sure to review all five pages containing listings for that constituent or parameter before selecting numerical limits. The sixth page of each group lists CAS Numbers, common synonyms

and abbreviations for the chemicals.

The numerical value of some water quality limits varies with the hardness, temperature, pH, or other characteristics of the waters to which they are applied. The variable limits for the protection of aquatic life from ammonia, heavy metals, and penta-

numerical water quality limits

contained in this report, the author

strongly recommends that the section

of some valuation of some valuation in this variable.

hardness, pH, or other tics of the section of some valuation in the section of some valuation.

Selecting Water Quality Goals be carefully reviewed.

To avoid incorrect use of the

chlorophenol are presented in special tables and graphs at the end of the two *Water Quality Goals* sections. Where a numerical limit varies in this manner, the number of the page which presents the variable limit is cited in the tables.

Footnotes — Many listings in the tables contain footnotes within parentheses. These footnotes, listed near the end of this report, explain limitations on how the numerical water quality limits apply and provide other useful information.

References — Literature sources, from which the numerical water quality limits were obtained, are provided at the end of this report.

# SELECTING WATER QUALITY GOALS

California is significantly limited in the quantity and quality of its water resources. Recurring periods of drought have clearly demonstrated the magnitude and severity of these limits. At the same time, improper waste management practices and contaminated sites pose significant threats to the quality of California's usable groundwater and surface water resources. The state population is expected to increase by fifty percent over the next quarter century, while the population of the Central Valley is expected to double over the next twenty years. At the same time, there is a growing realization that additional water is also needed for instream fisheries management. Therefore, it is imperative that California restore and maintain the quality of its water resources so as to be available to serve the growing needs of agriculture, cities, and industries without impairing in-stream beneficial uses.

The purpose of this staff report of the California Regional Water Quality Control Board, Central Valley Region is to introduce California's water quality standards and to outline a system for selecting numerical water quality limits, consistent with these standards. The resulting numerical limits may be used to assess impacts from waste management activities and constituent releases on the quality of waters of the state and the beneficial uses of these waters.

To determine whether a particular waste management activity or constituent release has caused or threatens to cause adverse water quality impacts, it is necessary to apply California's water quality standards. These standards are found in the Water Quality Control Plans. At concentrations equal to or greater than these standards, constituents are considered to have unreasonably impaired the beneficial uses of the state's waters; that is, pollution has occurred. In many cases, water quality standards include narrative, as opposed to numerical, water quality objectives. In such cases, numerical water quality limits from the literature may be used to ascertain compliance with these standards.

#### CALIFORNIA'S WATER QUALITY CONTROL SYSTEM

Because of its water limitations, California possesses a unique system for the protection and control

of the quality of its most valuable resource. Our present system of water quality control was established in 1969, with the adoption, by the state legislature, of the Porter-Cologne Water Quality Control Act. Found in Division 7 of the California Water Code, the Porter-Cologne Act (http://www.swrcb.ca.gov/water\_laws) provides for ten water quality control agencies, the State Water Resources Control Board and nine Regional Water Quality Control Boards. The Act instructs the boards to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

The State Water Board carries out its water quality protection authority through the adoption of specific Water Quality Control Plans. These plans establish water quality standards for particular bodies of water. California water quality standards are composed of three parts: the designation of beneficial uses of water, water quality objectives to protect those uses, and implementation programs designed to achieve and maintain compliance with the water quality objectives. Water Quality Control Plans adopted by the State Water Resources Control Board include:

- ♦ The Ocean Plan
- The Thermal Plan (temperature control in coastal and interstate waters and enclosed bays and estuaries)
- ♦ The Delta Plan (Sacramento-San Joaquin Delta and Suisun Marsh)
- ♦ The Lake Tahoe Basin Water Quality Plan
  The State Water Board recently adopted the Policy for
  Implementation of Toxics Standards for Inland Surface
  Waters, Enclosed Bays, and Estuaries of California.
  This policy provides implementation measures for
  numerical criteria contained in the California Toxics
  Rule, promulgated in May 2000 by the U.S. Environmental Protection Agency (USEPA). When combined
  with the beneficial use designations in the Water
  Quality Control Plans adopted by the Regional Water
  Boards (Basin Plans; see below), these documents establish state-wide water quality standards for toxic
  constituents in surface waters that are not covered by
  the Ocean Plan. This combined Water Board/USEPA
  action is the first phase in the development of new

Water Quality Control Plans for California's inland surface waters and enclosed bays and estuaries.

The State Water Board also adopts regulations and other policies for water quality control, which have the enforceability of regulation, to protect water quality from discharges of waste to water or to land where water quality could be adversely affected.

To account for the great diversity in California's waterscape, the Porter-Cologne Act separates the state, along major drainage divides, into nine Water Quality Control Regions (see the map on the inside back cover of this report). Nine Regional Water Quality Control Boards act to protect water quality within these regions through the adoption of region-specific Water Quality Control Plans, also called Basin Plans. The Basin Plans contain water quality standards that are specific to surface waters and groundwaters within a particular region or a portion thereof. As with the State Water Board's Water Quality Control Plans, the Basin Plans contain beneficial use designations, water quality objectives, and implementation programs.

Through the issuance of waste discharge requirements (permits), water quality monitoring and reporting programs, and other enforceable orders, the State and Regional Water Boards implement the statewide and regional Water Quality Control Plans, policies for water quality control, and water quality regulations. The State and Regional Water Boards also administer most of the federal clean water laws in California.

The focus of State and Regional Water Boards' water quality control programs are to prevent and correct conditions of pollution of water and nuisance. The Porter-Cologne Act defines "pollution" as "an alteration of the quality of the waters of the state by waste to a degree which unreasonably affects:

- 1) such waters for beneficial uses, or
- 2) facilities which serve such beneficial uses."
  "Nuisance" is defined as "anything which:
- is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property so as to interfere with the comfortable enjoyment of life or property, and
- 2) affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal, and

occurs during or as the result of the treatment or disposal of wastes."

#### WATER QUALITY STANDARDS

The term "water quality standards" is defined in regulations that implement the federal Clean Water Act. That definition reads:

"Water quality standards are provisions of state or federal law which consist of a designated use or uses for the waters of the United States and water quality criteria for such waters based upon such uses. Water quality standards are to protect the public health or welfare, enhance the quality of water and serve the purposes of the Act." [40 Code of Federal Regulations (CFR) Section 130.2(c) and 131.3(1)]

So, federal water quality standards must contain at least two critical components:

- 1) the designation of beneficial uses of water, and
- 2) the establishment of water quality criteria designed to protect those uses.

In California, the Water Quality Control Plans designate the beneficial uses of waters of the state and water quality objectives (the "criteria" under the Clean Water Act) to protect those uses. The Water Quality Control Plans are adopted by the State and Regional Water Boards through a formal administrative rulemaking process and, thereby, have the force of regulation. As mentioned above, the California Toxics Rule criteria, adopted by USEPA, when combined with existing beneficial use designations in the Water Quality Control Plans, are also water quality standards. One critical difference between the state and federal programs is that while the Clean Water Act focuses on surface water resources, the term "waters of the state" under the Porter-Cologne Act includes both surface waters and groundwaters. Therefore, California has water quality standards applicable to groundwaters as well as to surface waters. Another difference is that California's Water Quality Control Plans include implementation programs to achieve and maintain compliance with water quality objectives.

California's water quality standards are enforceable by the State and Regional Water Boards. They apply throughout the bodies of surface water and groundwater for which they were established.

#### BENEFICIAL USES

Section 13050(f) of the Porter-Cologne Act defines beneficial uses as follows:

"Beneficial uses' of waters of the state that may be protected against quality degradation include, but are not necessarily limited to, domestic, municipal, agricultural and industrial supply; power generation; recreation; aesthetic enjoyment; navigation; and preservation and enhancement of fish, wildlife, and other aquatic resources or preserves."

The State and Regional Water Boards' Water Quality Control Plans list the specific beneficial uses established for each of California's surface water and groundwater bodies. For example, the Central Valley Region's Water Quality Control Plan for the Sacramento River and San Joaquin River Basins lists the following beneficial uses of surface waters and groundwaters:

- ♦ Municipal and Domestic Supply
- Agricultural Supply
- ◆ Industrial Supply (both Service and Process)
- ♦ Groundwater Recharge
- ♦ Freshwater Replenishment
- ♦ Navigation
- ♦ Hydropower Generation
- Recreation (both Water Contact and Non-Water Contact)
- ♦ Commercial & Sport Fishing
- ♦ Aquaculture
- ♦ Freshwater Habitat (both Warm and Cold)
- ♦ Estuarine Habitat
- ♦ Wildlife Habitat
- Preservation of Biological Habitats of Special Significance
- Preservation of Rare, Threatened, or Endangered Species
- ♦ Migration of Aquatic Organisms
- Spawning, Reproduction, and/or Early Development
- ♦ Shellfish Harvesting

The Water Quality Control Plans specify which beneficial uses apply to each body of water within each region of the state. Under the Porter-Cologne Act, the discharge of waste is not a right, but a privilege, subject to specific permit conditions. The discharge of waste is also not a beneficial use of water. The Water Boards' mission is to protect water quality from dis-

charges of waste that could cause impairment of designated beneficial uses.

#### Sources of Drinking Water Policy

Also included within California's system of water quality standards are the "policies for water quality control" adopted by the State Water Board and incorporated into each of the Basin Plans. One such policy is critical to the designation of beneficial uses.

In 1988, the State Water Board adopted Resolution No. 88-63, the "Sources of Drinking Water" policy. This policy specifies that, except under specifically defined circumstances, all surface water and groundwater of the state are to be protected as existing or potential sources of municipal and domestic supply, unless this beneficial use is explicitly de-designated in a Water Quality Control Plan. The policy lists specific circumstances under which waters may be excluded from this beneficial use, including:

- waters with existing high total dissolved solids concentrations (greater than 3000 mg/l);
- waters having low sustainable yield (less than 200 gallons per day for a single well);
- water with contamination, unrelated to a specific pollution incident, that cannot reasonably be treated for domestic use;
- waters within particular wastewater conveyance and holding facilities; and
- regulated geothermal groundwaters.

These exemptions to the general municipal and domestic supply beneficial use designation are applied to specific water bodies through formal Basin Plan amendments by the appropriate Regional Water Board.

#### **WATER QUALITY OBJECTIVES**

The second component of California's water quality standards is water quality objectives. The Porter-Cologne Act defines "water quality objectives" as "the limits or levels of water quality constituents or characteristics which are established for the reasonable protection of beneficial uses of water or the prevention of nuisance within a specific area." Since pollution is defined as an alteration of water quality to a degree which unreasonably affects beneficial uses, pollution occurs whenever water quality objectives are exceeded.

Water quality objectives designed to protect beneficial uses and prevent nuisance are also found in the Water Quality Control Plans. As with beneficial uses, water quality objectives are established either for specific bodies of water, such as the Sacramento River between Shasta Dam and the Colusa Basin Drain, or for protection of particular beneficial uses of surface waters or groundwaters throughout a specific basin or region. In addition, the water quality criteria for toxic pollutants in the California Toxics Rule apply to nearly all of the state's surface waters which are not covered by the Ocean Plan, i.e., to inland surface waters, enclosed bays and estuaries. These limits are called "criteria" (rather than "objectives") because they were promulgated by USEPA pursuant to the federal Clean Water Act.

Water quality objectives may be stated in either numerical or narrative form. Where numerical objectives are listed in the Water Quality Control Plans, their values are applicable numerical water quality limits for the indicated constituent(s) or parameter(s). If not exceeded, they will provide reasonable protection for beneficial uses of the specified body of water. However in many cases, water quality objectives are stated in narrative form. Narrative objectives describe a requirement or a prohibition. Examples of narrative objectives, established in the Central Valley Region's Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, include:

#### Chemical Constituents —

"Waters shall not contain chemical constituents in concentrations that adversely affect beneficial

"At a minimum, water designated for use as domestic or municipal supply (MUN) shall not contain concentrations of chemical constituents in excess of the maximum contaminant levels (MCLs) specified in ... Title 22 of the California Code of Regulations [California's drinking water standards] ...

"To protect all beneficial uses, the Regional Water Board may apply limits more stringent than MCLs."

#### ♦ Tastes and Odors —

"Water shall not contain taste- or odor-producing substances in concentrations that impart undesirable tastes or odors to domestic or municipal water supplies or to fish flesh or other edible products of aquatic origin, or that cause nuisance, or otherwise adversely affect beneficial uses."

#### ♦ Toxicity —

"... waters shall be maintained free of toxic substances in concentrations that produce detrimental physiological responses in human, plant, animal, or aquatic life associated with designated beneficial use(s). This objective applies regardless of whether the toxicity is caused by a single substance or the interactive effects of multiple substances."

The Central Valley Region's Basin Plans also contain water quality objectives for the following constituents and parameters:

- ♦ Bacteria
- ♦ Biostimulatory Substances
- ♦ Color
- ♦ Dissolved Oxygen
- ♦ Floating Material
- ♦ Oil and Grease
- Pesticides
- **♦** pH
- ♦ Radioactivity
- ♦ Salinity
- ♦ Sediment
- ♦ Settleable Material
- Suspended Material
- **♦** Temperature
- ♦ Turbidity

Some are expressed as numerical objectives, while others are in narrative form. Narrative water quality objectives must be interpreted through the selection of numerical limits, as further described below.

#### **ANTIDEGRADATION POLICY**

Water is a multiple-use resource. That is, the same water may be used many times between where it falls as rain or snow in the mountains and where it eventually flows into the ocean. Each use of water causes some change or degradation in its quality. Water quality can also be degraded by discharges of waste and other human activities. Multiple water uses and waste discharges and the combined effect on water quality must be considered. If the Board allows a single use or discharge to degrade water quality to a level just sufficient to protect beneficial uses, then no capacity exists for further degradation by other water uses or other human activities. The ability to beneficially use the water has been impaired.

In addition, our understanding of the health and

environmental effects of chemicals and combinations of chemicals is constantly evolving. What is considered safe at 10 ug/L today may be found to be harmful at 1 ug/L tomorrow. For these reasons, it is often desirable to minimize the degradation of water quality and to preserve a higher water quality than that which will just support beneficial uses, that is, better than applicable water quality objectives.

Realizing this need, the State Water Resources
Control Board in 1968 adopted Resolution No. 68-16,
Statement of Policy With Respect to Maintaining High
Quality of Waters in California. This established an
Antidegradation Policy for the protection of water
quality in California. Under this policy, whenever the
existing quality of water is better than that needed to
protect all present and probable future beneficial uses,
such existing high quality is to be maintained until or
unless it has been demonstrated to the state that any
change in water quality:

- will be consistent with the maximum benefit to the people of the state;
- will not unreasonably affect present or probable future beneficial uses of such water; and
- will not result in water quality less than prescribed in state policies.

Unless these three conditions are met, background water quality—the concentrations of substances in natural waters that are unaffected by waste management practices or contamination incidents—is to be maintained.

If the State or Regional Water Board determines that some water quality degradation is in the best interest of the people of California, some incremental increase in constituent concentrations above background levels may be permitted under the Policy. However, in no case may such degradation cause unreasonable impairment of beneficial uses that have been designated for a water of the state.

The effect of this policy is to define a range of water quality—between natural background levels and the water quality objectives—that must be maintained. Within this range, the Water Boards must balance the need to protect existing high quality water with the benefit to California as a whole of allowing some degradation to occur from the discharge of waste.

The policy also specifies that discharges of waste to existing high quality waters are required to use "best practicable treatment or control," thereby imposing a technology-based limit on such discharges.

In more recent actions, the State Water Board further delineated implementation of the Antidegradation Policy. These include the adoption of monitoring and corrective action regulations and a cleanup policy.

#### CHAPTER 15, ARTICLE 5 REGULATIONS

In July 1991, the State Water Board adopted revised regulations for water quality monitoring and corrective action for waste management units—facilities where wastes are discharged to land for treatment, storage or disposal. These regulations, contained in Title 23 of the California Code of Regulations, Division 3, Chapter 15, Article 5, contain the only interpretation of the state's Antidegradation Policy that has been promulgated in regulations. Article 5 requires the Regional Water Board to establish water quality protection standards for all waste management units. Water quality protection standards include concentration limits for constituents of concern, which must be met in groundwater and surface water that could be affected by a release from the waste management unit.

Section 2550.4 of these regulations requires that, in most cases, concentration limits be established at background levels. However, in a corrective action program for a leaking waste management unit where the discharger of waste has demonstrated that it is technologically or economically infeasible to achieve background levels, the Regional Water Board may adopt concentration limits greater than background (CLGBs). These limits must be set:

- at the lowest concentrations for the individual constituents which are technologically and economically achievable;
- so as not to exceed the maximum concentrations allowable under applicable statutes and regulations for individual constituents [including water quality objectives];
- so as not to result in excessive exposure to a sensitive biological receptor [as shown, for example, through health and ecological risk assessments];
   and
- so that theoretical risks from chemicals associated with the release shall be considered additive across all media of exposure and shall be considered additive for those constituents that cause similar toxicologic effects or have carcinogenic effects.

#### **CLEANUP POLICY**

In June 1992, the State Water Board adopted Resolution No. 92-49, Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304. This policy for water quality control, which was modified in April 1994 and October 1996, states that the Antidegradation Policy of Resolution No. 68-16 is applicable to the cleanup of contaminated sites, and that criteria in Section 2550.4 of the Chapter 15 regulations are to be used to set cleanup levels for such sites. [For cleanup of leaking underground tank sites, Section 2550.4 criteria are to be considered in setting cleanup levels under Chapter 16 of Title 23, Division 3 of the California Code of Regulations.] In determining cleanup levels for water and for contaminated soils which threaten water quality, background constituent concentrations in water are the initial goal. If attainment of background concentrations is not achievable, cleanup levels must be set as close to background as technologically and economically feasible. They must, at a minimum, restore and protect all applicable beneficial uses of waters of the state, as measured by the water quality objectives, and must not present significant health or environmental risks.

#### NUMERICAL WATER QUALITY LIMITS

To determine whether a particular waste management activity or constituent release has caused or threatens to cause pollution—a degradation in water quality severe enough to impair present or probable future beneficial uses—one must refer to California's water quality standards. As described earlier, the standards consist of a beneficial use or uses of water and water quality objectives to protect those uses. Any narrative objective must be interpreted and a numerical limit selected which meets the narrative objective. Once all beneficial uses, water quality objectives and numerical limits have been identified, those water quality limits that protect all beneficial uses are selected for comparison with measured or projected constituent concentrations in the water body of interest.

The first step in selecting beneficial use protective water quality limits is to identify the bodies of groundwater and/or surface water that have been or have the potential to be affected by the particular waste management activity or constituent release. Un-

der California's Antidegradation Policy, water quality limits are initially set equal to true background levels in the body of water. Constituent concentrations in excess of background levels in the water body, caused or threatened to be caused by a discharge of waste, indicate that water quality degradation has occurred or is threatened.

If degradation has already occurred, water quality limits should also be selected to determine whether pollution has occurred or is threatened. In that case, water quality limits are selected so as to ascertain compliance with all applicable water quality objectives for the protection of the beneficial uses which have been designated for the water body in question. Designated beneficial uses and applicable water quality objectives to protect those uses are contained in the appropriate Water Quality Control Plan(s). The process of selecting beneficial use protective water quality limits to interpret these standards is shown in Figure 1.

Some water quality objectives are numerical. These numerical objectives are a subset of the applicable beneficial use protective water quality limits. If narrative water quality objectives also apply to the constituent or parameter of interest in the water body, compliance with those objectives may be determined through measurement (e.g., toxicity testing) or other direct evidence of beneficial use impacts. Alternatively, relevant numerical water quality limits may be selected from the literature and used to interpret the narrative objectives. Water quality limits from the literature, called water quality goals in this report, include drinking water standards, ambient water quality criteria, cancer risk estimates, health advisories, and other numerical values that represent concentrations of chemicals that would limit specific uses of water. An example of a water quality goal is the taste and odor threshold for ethylbenzene of 29 ug/L, published by USEPA. This water quality goal could be used to interpret compliance with the narrative water quality objective for tastes and odors, discussed above.

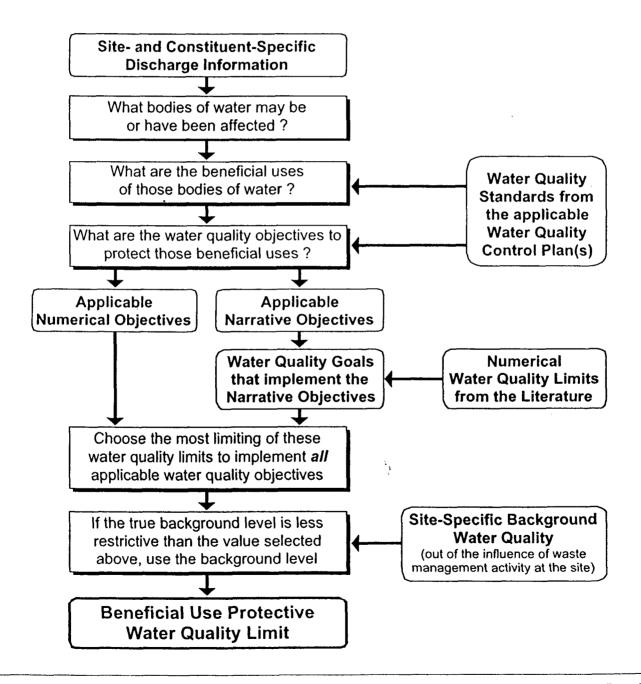
For each constituent, all applicable numerical objectives along with water quality goals selected to interpret each applicable narrative objectives are collected and the most limiting (most stringent) of these values is selected. Below this most limiting value, compliance with all applicable water quality objectives is assured and the most sensitive beneficial use should be protected. This most limiting value be-

comes the beneficial use protective water quality limit for the constituent of interest in the water body. If the concentration of the constituent exceeds the beneficial use protective water quality limit, one or more water quality objectives have been violated and pollution has occurred.

The one exception to this is where the site-specific natural background condition in water is a higher con-

centration than the beneficial use protective water quality limit. The State and Regional Water Boards authority for protection of water quality from waste discharges is limited to the regulation of "controllable water quality factors"—those actions, conditions, or circumstances resulting from human activities that may influence the quality of waters of the state and that may be reasonably controlled. Where the natural

FIGURE 1. SELECTING BENEFICIAL USE PROTECTIVE NUMERICAL LIMITS IN WATER



background level is higher than the beneficial use protective water quality limit, the natural background level is considered to comply with the water quality objective. In such cases, other controllable factors are not allowed to cause any further degradation of water quality.

#### Types of Water Quality Goals

The literature contains many useful water quality limits designed to protect specific beneficial uses of water. These water quality goals can be used to interpret narrative water quality objectives. The following is a summary of available types of water quality goals that are presented in this document. The Reference section at the end of this report lists the sources of these limits, including internet addresses where available.

#### Maximum Contaminant Levels (MCLs)

MCLs are part of the drinking water standards adopted by the California Department of Health Services (DHS) pursuant to the California Safe Drinking Water Act. California MCLs may be found in Title 22 of the California Code of Regulations (CCR), Division 4, Chapter 15, Domestic Water Quality and Monitoring. USEPA also adopts MCLs under the federal Safe Drinking Water Act. DHS's drinking water standards are required to be at least as stringent as those adopted by the USEPA. Some California MCLs are more stringent than USEPA MCLs.

Primary MCLs are derived from health-based criteria (by USEPA from MCL Goals; by DHS from Publich Health Goals or from one-in-a-million [10<sup>-6</sup>] incremental cancer risk estimates for carcinogens and threshold toxicity levels for non-carcinogens). MCLs also include technologic and economic considerations relating to the feasibility of achieving and monitoring for these concentrations in drinking water supply systems and at the tap. It should be noted that the balancing of health effects with technologic and economic considerations in the derivation of MCLs may not be appropriate for protection of the quality of a raw surface water or groundwater resource, as will be discussed below. Secondary MCLs are derived from human welfare considerations (e.g., taste, odor, laundry staining) in the same manner as Primary MCLs.

Drinking water MCLs are directly applicable to and enforceable by DHS and local health departments

on water supply systems and at the tap. MCLs, both Primary and Secondary, are directly applicable to groundwater and surface water resources when they are specifically referenced as water quality objectives in the pertinent *Water Quality Control Plan*. Where fully health protective, MCLs may also be used to interpret narrative objectives prohibiting toxicity to humans in water designated as a source of drinking water (municipal and domestic supply) in the *Water Quality Control Plan*.

# Maximum Contaminant Level Goals (MCL Goals or MCLGs)

MCLGs are promulgated by USEPA as part of the National Primary Drinking Water Regulations.

MCLGs represent the first step in establishing Primary MCLs and are required by federal statute to be set at levels that represent no adverse health risks. They are set at "zero" for known and probable human carcinogens, since theoretically a single molecule of such a chemical could present some degree of cancer risk. Threshold levels posing no risk of health effects (other than cancer) are used for non-carcinogens and for possible human carcinogens. Because they are purely health-based, non-zero MCLGs may be useful in interpreting narrative water quality objectives which prohibit toxicity to human consumers.

#### Public Health Goals (PHGs)

The California Safe Drinking Water Act of 1996 requires the Office of Environmental Health Hazard Assessment (OEHHA) to perform risk assessments and adopt Public Health Goals for contaminants in drinking water based exclusively on public health considerations. PHGs represent levels of contaminants in drinking water that would pose no significant health risk to individuals consuming the water on a daily basis over a lifetime. They are based on a 10<sup>-6</sup> incremental cancer risk estimate for carcinogens and a threshold toxicity limit for other contaminants, with a margin of safety. OEHHA and DHS consider the 10<sup>-6</sup> risk level to represent a *de minimis* level of cancer risk from involuntary exposures.

PHGs adopted by OEHHA are for use by the DHS in establishing primary drinking water MCLs. Where PHGs are to be based solely on scientific and public health considerations without regard to economic considerations, drinking water MCLs are to consider eco-

nomic factors and technical feasibility. Each MCL adopted by DHS is to be set at a level that is as close as feasible to the corresponding PHG, placing emphasis on the protection of public health. Being purely health-based, PHGs are also appropriate to use in interpreting narrative toxicity objectives with respect to human exposures from constituents in waters that have been designated as existing or potential sources of municipal and domestic supply. In addition, where water quality objectives require compliance with drinking water MCLs, the PHGs may provide an indication as to whether MCLs are likely to be revised upward or downward in the future. This information is important because the State and Regional Water Boards must ensure the usability of water for the foreseeable future.

#### State Action Levels

Action levels, published by DHS, are based mainly on health effects. An incremental cancer risk estimate of 10<sup>-6</sup> is used for carcinogens and a threshold toxicity limit is used for other constituents. As with MCLs, the ability to quantify the amount of the constituent in a water sample using readily available analytical methods may cause action levels to be set at somewhat higher concentrations than purely healthbased values. Organoleptic (taste- and odor-based) values are also included as action levels for some chemicals. Action levels are advisory to water suppliers. If exceeded, DHS urges the supplier to correct the problem or to find an alternative raw water source. When they are purely health-based, action levels may also be used to interpret narrative objectives that prohibit toxicity to humans that may drink the water.

#### Cal/EPA Cancer Potency Factors

The Office of Environmental Health Hazard Assessment has lead responsibility within Cal/EPA for the assessment of human health risks associated with exposures to toxic substances in environmental media. OEHHA also performs health risk assessments for California state agencies outside Cal/EPA, such as the development of PHGs for the Department of Health Services. OEHHA maintains a database of health risk information for chemicals called the Toxicity Criteria Database. The health based criteria presented in this database have been used as a basis for California state regulatory actions. The majority has undergone peer

review and in many cases rigorous regulatory review. The database includes cancer potency factors for inhalation and oral exposures to many chemicals. These Cal/EPA cancer potency factors may be used to calculate concentrations in drinking water associated with specific cancer risk levels, using standard exposure assumptions (see *Threshold Risk Characterization*, below.).

#### Integrated Risk Information System (IRIS)

The USEPA Office of Research and Development. National Center for Environmental Assessment maintain a chemical database called the Integrated Risk Information System. IRIS contains USEPA's most current information on human health effects that may result from exposure to various substances found in the environment. Two types of criteria are presented in IRIS. Reference doses (RfDs) are calculated as safe exposure levels with respect to non-cancer health effects. They are presented in units of milligrams of chemical per kilogram body weight per day of exposure (mg/kg-day). RfDs may be converted into concentrations in drinking water (mg/L or ug/L) using standard exposure assumptions (see Threshold Risk Characterization, below.). IRIS also presents concentrations of chemicals in drinking water that would be associated with specific levels of cancer risk.

# Drinking Water Health Advisories and Water Quality Advisories

Health Advisories are published by USEPA for short-term (1-day exposure or less or 10-day exposure or less), long-term (7-year exposure or less), and life-time human exposures through drinking water. Health advisories for non-carcinogens and for possible human carcinogens are calculated for chemicals where sufficient toxicologic data exist. Incremental cancer risk estimates for known and probable human carcinogens are also presented.

Water Quality Advisories contain human health related criteria that assume exposure through both drinking water and consumption of contaminated fish and shellfish from the same water. Some Water Quality Advisories also contain criteria that are intended to be protective of aquatic life.

# Suggested No-Adverse-Response Levels (SNARLs)

These human health-based criteria were published by the National Academy of Sciences (NAS) in the nine volumes of *Drinking Water and Health* (1977 to 1989). USEPA's health advisories were also formerly published as "SNARLs." SNARLs do not reflect the cancer risk that may be posed by these chemicals. Incremental cancer risk estimates for carcinogens are presented separately in these NAS and USEPA documents. NAS criteria from *Drinking Water and Health* may not contain the most recent toxicologic information. They should only be used to interpret narrative water quality objectives where more recent health-based criteria are absent.

#### **Proposition 65 Regulatory Levels**

Proposition 65 levels are established under the California Safe Drinking Water and Toxic Enforcement Act of 1986 for known human carcinogens and reproductive toxins. Proposition 65, an initiative statute, made it illegal to expose persons to significant amounts of these chemicals without prior notification or to discharge significant amounts of these chemicals to sources of drinking water. These "significant amounts" are adopted by OEHHA in regulations contained in Title 22 of CCR, Division 2, Chapter 3.

For carcinogens, no-significant-risk levels (NSRLs) are set at concentrations associated with a one-in-100,000 (10<sup>-5</sup>) incremental risk of cancer. These are the only California health based limits derived from risk levels greater than 10<sup>-6</sup>. As such, they are not as protective of human health as many other published criteria (see *Which Cancer Risk Level?*, below). \(^1/1000\) of the no-observable-effect level (NOEL) is adopted for reproductive toxicants.

Proposition 65 levels are doses, expressed in units of micrograms per day of exposure (ug/d). These levels may be converted into concentrations in water by assuming 2 liters per day water consumption and 100 percent exposure to the chemical through drinking water, under regulations contained in Title 22 of CCR, Sections 12721 and 12821.

#### **National Ambient Water Quality Criteria**

These criteria, also called the National Recommended Water Quality Criteria, are developed by

USEPA under Section 304(a) of the Clean Water Act to provide guidance to the states in adopting water quality standards under Section 304(c) of the Act and to interpret narrative toxicity standards (water quality objectives in California). These criteria are designed to protect human health and welfare and aquatic life from pollutants in freshwater and marine surface waters.

The human health protective criteria differ significantly from those discussed above. They assume two different exposure scenarios. For waters that are sources of drinking water, exposure is assumed both from drinking the water and consuming aquatic organisms (fish and shellfish) that live in the water. For waters that are not sources of drinking water, exposure is assumed to be from the consumption of aquatic organisms only. Aquatic organisms are known to bioaccumulate certain toxic pollutants in their tissues, so as to magnify human exposures. Because these human health based criteria assume exposure through fish and shellfish consumption, they should not be used to interpret water quality objectives for groundwater where human exposure will only occur from municipal or domestic supply uses. The criteria also include threshold health protective criteria for non-carcinogens. Incremental cancer risk estimates for carcinogens are presented at a variety of risk levels. Organoleptic (taste- and odor-based) levels are also provided for some chemicals to protect human welfare.

National Ambient Water Quality Criteria also include criteria that are intended to protect freshwater and/or saltwater aquatic life. Normally, two types of limits are presented. Criteria Maximum Concentrations (CMCs) protect aquatic organisms from acute exposures (expressed as 1-hour average or instantaneous maximum concentrations) to pollutants. Criteria Continuous Concentrations (CCCs) protect aquatic organisms from chronic exposures (expressed as 4-day or 24-hour average concentrations). To be able to derive these criteria, the USEPA method requires toxicity data for species representing a minimum of eight families of organisms, including coverage of both vertebrate and invertebrate species. Important aquatic plant species are also considered. Fundamental to the method is protection of all species, even at sensitive life stages, for which there are reliable measurements in the data set. Criteria derived by this method are also intended to protect species for which those in the data set serve as surrogates. Toxicity information, in the

form of lowest observed effect levels, is often presented in the USEPA criteria documents where there is insufficient toxicologic information with which to develop recommended criteria.

The National Ambient Water Quality Criteria are found in a number of USEPA documents:

- Quality Criteria for Water, 1986, with updates in 1986 and 1987, also known as the "Gold Book";
- the Ambient Water Quality Criteria volumes on specific pollutants or classes of pollutants (1980, 1984, 1985, 1986, 1987, 1988, 1989, 1991, 1993, and 1995);
- Quality Criteria for Water (1976), also known as the "Red Book";
- Water Quality Criteria, 1972, also known as the "Blue Book."

In December 1992, USEPA promulgated the *National Toxics Rule*, which updated many of these criteria and made them directly applicable standards for surface waters in many states, including some California waters. These regulations, found in 40 CFR Section 131.36, specify that "[t]he human health criteria shall be applied at the State-adopted 10-6 risk level" for California. To ascertain compliance with the aquatic life protective criteria for metallic constituents, water quality samples were to be analyzed for "total recoverable" concentrations. In May 1995, USEPA amended these regulations to convert most of these aquatic life criteria to dissolved concentrations. In April 1999, "USEPA published the most recent summary of *National Recommended Water Quality Criteria*.

#### California Toxics Rule (CTR) Criteria

The federal Clean Water Act requires all states to have enforceable numerical water quality criteria applicable to priority toxic pollutants in surface waters. California lacked many of these standards, in part due to the State Water Board's repeal of the *Inland Surface Waters Plan* and *Enclosed Bays and Estuaries Plan*, resulting from a legal challenge. In May 2000, USEPA promulgated water quality criteria for priority toxic pollutants for California's inland surface waters and enclosed bays and estuaries. Included are both human health and aquatic life protective criteria, similar to those published in the *National Recommended Water Quality Criteria*.

The CTR criteria, along with the beneficial use designations in the Basin Plans, are directly applicable

water quality standards for these toxic pollutants in these waters. Implementation provisions for these standards have been provided in the *Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California* (SWRCB Resolution No. 2000-015), adopted by the State Water Board in March of this year. The policy includes time schedules for compliance, provisions for mixing zones, analytical methods and reporting levels.

#### Other Numerical Limits

Other sources of numerical water quality limits include:

- Water Quality for Agriculture, published by the Food and Agriculture Organization of the United Nations in 1985, which contains criteria protective of agricultural uses of water.
- Hazard Assessments and Water Quality Criteria, published by the California Department of Fish and Game, which contain criteria that are protective of aquatic life from exposure to several pesticides. USEPA methods are used to derive these criteria.
- Water Quality Criteria, Second Edition, written by McKee and Wolf and published by the State Water Resources Control Board in 1963 and 1978, which contains criteria for human health and welfare, aquatic life, agricultural use, industrial use, and various other beneficial uses of water. This document is available from the National Technical Information Service (NTIS) as Publication No. PB 8218824.
- ◆ Taste and odor thresholds are published in several documents, including USEPA Drinking Water Contaminant Fact Sheets and an extensive collection by J.E. Amoore and E. Hautala in their paper, Odor as an Aid to Chemical Safety: Odor Thresholds Compared with Threshold Limit Values and Volatilities for 214 Industrial Chemicals in Air and Water Dilution, published in Journal of Applied Toxicology (1983).

The numerical water quality limits discussed above as well as the numerical water quality objectives from the State Water Board's Water Quality Control Plan for Ocean Waters of California (the Ocean Plan) are summarized in the tables and graphs that make up the remainder of this report.

# RISK CHARACTERIZATION METHODS FOR DRINKING WATER

The methods by which the USEPA and other agencies establish lifetime health advisories and concentration-based cancer risk estimates for constituents in drinking water may be used to calculate water quality goals from other published toxicologic criteria. These methods are based on the following toxicologic principles.

#### Threshold Toxins vs. Non-Threshold Toxins

The toxic effects of chemicals may be roughly divided into two categories, threshold and non-threshold. It is important to recognize that it is not the chemical itself, but the dose (the concentration of the chemical multiplied by the duration of exposure), which is responsible for the toxic effect. Below a particular threshold dose, many chemicals cause no toxicity. These chemicals are called threshold toxins. Cyanide, mercury, and the pesticide malathion fall into this category. Some threshold chemicals, like Vitamin A, are beneficial to human health at low doses, but toxic at high doses.

On the other hand, some chemicals have no toxicity threshold; they may pose a quantifiable health risk at any concentration. Most carcinogens are thought to fall into this non-threshold category. Essentially, one molecule is considered to have the potential to cause some finite risk of getting cancer. Health risks for nonthreshold toxins are characterized by probabilities. The higher the dose, the higher the probability of experiencing the toxic effect. For example, according to Cal/EPA, OEHHA, 0.35 microgram of benzene per liter of drinking water is associated with the probability of causing one additional cancer case in a million persons who are exposed at a 2 liters of water per day over their lifetimes. The value of 0.35 ug/L is the estimated drinking water concentration associated with a 1-in-a-million (10<sup>-6</sup>) cancer risk, also known as the 10<sup>-6</sup> cancer risk estimate for benzene. Because cancer risk is a probabilistic event, the cancer risk level is directly proportional to the dose, or the concentration in water if all other factors are held constant. Therefore, the 10 <sup>5</sup> cancer risk level (1 extra case of cancer in 100,000 exposed persons) for benzene would be 3.5 ug/L.

Chemicals are currently assigned by USEPA into five categories, by considering the weight of cancer

risk evidence that exists in the toxicologic record:

Class A chemicals are known human carcinogens (sufficient human exposure data exists);

Class B chemicals are probable human carcinogens (limited human data, but sufficient animal exposure data exist);

Class C chemicals are possible human carcinogens (no human data and limited animal data exist);

Class D chemicals have insufficient cancer risk data to assign them to another category; and

Class E chemicals have sufficient evidence to indicate that they are not carcinogens.

USEPA does not publish threshold health advisories for lifetime exposure for Class A or Class B chemicals. USEPA publishes cancer risk estimates for Class A, Class B, and sometimes for Class C chemicals.

Because of the different ways in which chemicals are believed to cause adverse health impacts, the characterization of health risks for non-threshold toxins is different from that for threshold toxins.

#### Non-Threshold Risk Characterization

For non-threshold constituents, the risk of a toxic effect is considered to be proportional to the amount or dose of the chemical to which a population is exposed. For each carcinogen, risk and dose are related by a cancer potency factor (often abbreviated q<sub>1</sub>\*) which is equal to the risk of getting cancer per unit dose of the chemical. The factor is expressed in units of inverse milligrams of chemical per kilogram body weight per day of exposure (mg/kg/day)<sup>-1</sup>. The cancer risk level, dose, and cancer potency factor are related by equation [1] in Figure 2. Potency factors for carcinogens are calculated by extrapolation from dose-response relationships developed in laboratory animal exposure studies. They may be found in the Cal/EPA Toxicity Criteria Database, the USEPA Integrated Risk Information System (IRIS) database and USEPA health advisory documents.

If we assume a drinking water consumption rate of 2 liters per day and an average human body weight of 70 kg, dose and concentration in drinking water may be related by equation [2]. These are standard assumptions used by federal and state drinking water regulatory and advisory programs and by OEHHA in regulations that implement Proposition 65. By combining equations [1] and [2] and rearranging, we obtain equation [3]. This equation allows calculation of a

concentration in drinking water associated with a given cancer risk level, if the potency factor is known. For example, the Cal/EPA cancer potency factor for the pesticide 1,2-dibromo-3chloropropane or DBCP is 7 (mg/kg/day)<sup>-1</sup>. Using equation [3], the concentration in drinking water associated with a 1-in-a-million (10<sup>-6</sup>) lifetime cancer risk level may be calculated as 0.000005 mg/l or 0.005 ug/L. This 10<sup>-6</sup> cancer risk estimate along with other similarly calculated cancer risk estimates may be found in the tables of this report.

#### FIGURE 2. CALCULATION OF HEALTH BASED LIMITS

- [1] Risk Level = Dose × Potency Factor
- [2] Dose  $(mg/kg/day) = Concentration (mg/l) \times 2 liters/day + 70 kg$

[3] Concentration (mg/l) = 
$$\frac{\text{Risk Level} \times 70 \text{ kg}}{\text{Potency Factor} \times 2 \text{ liters/day}}$$

[4] 
$$RfD = \frac{NOAEL}{Uncertainty Factor}$$

[5] DWEL = 
$$\frac{RfD \times 70 \text{ kg}}{2 \text{ liters/day}}$$

[6] Lifetime Health Advisory (mg/l) = 
$$\frac{DWEL \times 20\% RSC}{Additional Uncertainty Factor}$$

# Which Cancer Risk Level?

There is often confusion as to which cancer risk level should be used in selecting human health-based criteria to interpret the narrative water quality objectives. The one-in-a-million (10<sup>-6</sup>) cancer risk level has historically formed the basis of human health protective numerical water quality limits in California. It is generally recognized by California and federal agencies as the *de minimis* level of risk associated with involuntary exposure to toxic chemicals in environmental media. Therefore the 10<sup>-6</sup> risk level should govern the selection of human health-based criteria to interpret narrative toxicity objectives.

Regulations implementing Proposition 65 cite the one-in-a-hundred-thousand (10<sup>-5</sup>) risk level for carcinogens. However, the intent of this initiative statute is public notice prior to exposure to certain chemicals and the prohibition of specific discharges of these chemicals. It is not the intent of Proposition 65 to establish levels of involuntary environmental exposure that are considered "safe." Therefore, Proposition 65 does not provide a relevant precedent for determining the level of cancer risk for compliance with the narrative toxicity objectives.

The 10<sup>-6</sup> risk level has long formed the basis of water-related health-protective regulatory decision-making in California. The following are some of the

more significant instances:

- ♦ DHS Statement of Reasons documents that justify Primary MCLs for carcinogenic substances all use the 10<sup>-6</sup> risk level for lifetime exposure as the basis from which the MCLs were derived. In these documents DHS describes the 10<sup>-6</sup> risk level as "the de minimis excess cancer risk value" which is "typically assumed by federal and state regulatory agencies for involuntary exposures to environmental pollutants." MCLs for carcinogens deviate from the 10<sup>-6</sup> risk level only where technologic or economic factors prevent the use of this level.
- ◆ DHS action levels for drinking water are also set at the 10<sup>-6</sup> risk level unless technologic or economic factors prevent using that level, as with the Primary MCLs.
- ◆ The Preliminary Endangerment Assessment Guidance Manual published by the Department of Toxic Substances Control (DTSC) [page 2-26] states that "[i]n general, a risk estimation greater that [sic] 10<sup>-6</sup> or a hazard index greater than 1 indicate the presence of contamination which may pose a significant threat to human health."
- ◆ USEPA National Ambient Water Quality Criteria, recommended to protect human health from carcinogenic chemicals in surface waters, historically have presented 10<sup>-5</sup>, 10<sup>-6</sup>, and 10<sup>-7</sup> risk estimates (with a geometric mean of 10<sup>-6</sup>) in water.

- ◆ Clean Water Act water quality criteria promulgated on California waters by USEPA in the National Toxics Rule and the California Toxics Rule state that "[t]he human health criteria shall be applied at the State-adopted 10<sup>-6</sup> risk level." These criteria are water quality standards for surface waters in California.
- ♦ Functional Equivalent Documents adopted by the State Water Board that provide background and justification for the California Ocean Plan and the former California Inland Surface Waters and Enclosed Bays and Estuaries Plans all cite the 10<sup>-6</sup> risk level as the basis of human health protective water quality objectives for carcinogens.
- Public Health Goals for drinking water, adopted by OEHHA, are based on the 10<sup>-6</sup> risk level for carcinogens, "a level that has been considered negligible or *de minimis*," and a 70 year exposure period.
- ◆ Recent enforcement decisions regarding an off-site chlorinated solvent plume from Mather Air Force Base, the Central Valley Regional Water Quality Control Board required that replacement water supply be provided when the level of carcinogenic chemicals is detected and confirmed at or above concentrations that represent 10<sup>-6</sup> lifetime cancer risk levels in individual wells. This decision implements the narrative toxicity objective for groundwater from the Water Quality Control Plan (Basin Plan) for the Sacramento River and San Joaquin River Basins.
- ♦ Cleanup and Abatement Order No. 92-707 adopted by the Central Valley Regional Water Quality Control Board established cleanup levels for groundwater at the Southern Pacific Transportation Company, Tracy Yard, San Joaquin County at the 10<sup>-6</sup> lifetime cancer risk levels for carcinogens, based on the narrative toxicity objective for groundwater from the Basin Plan for the Sacramento River and San Joaquin River Basins.

#### Threshold Risk Characterization

To determine the concentration of a threshold toxin that is safe for humans to consume in drinking water, toxic and safe dose information is first derived from animal studies. In these studies, laboratory animals are exposed to a chemical at specific dose levels. USEPA and other agencies choose one of two dose

level results from these studies from which to calculate safe levels in drinking water. The no observed adverse effect level (NOAEL) is the highest dose that caused no toxic effect to animals in the study. The lowest observed adverse effect level (LOAEL) is the lowest dose that did cause a measurable toxic effect in the study. The LOAEL is a higher dose than the NOAEL. Because the toxic dose of a chemical is usually related to the body weight of the animal studied, doses are often reported in units of milligrams of chemical per kilogram of body weight per day of exposure (mg/kg-day). Both NOAELs and LOAELs are expressed in these units.

USEPA and other agencies use the NOAEL or LOAEL to calculate a reference dose or RfD for a toxic chemical, using equation [4] in Figure 2. The uncertainty factor in the equation accounts for unknowns in the derivation of human risk levels from animal data. The minimum uncertainty factor is 10, which accounts for the fact that some people (e.g., children and the elderly) are more sensitive to toxic chemical exposures than is the average person. The minimum uncertainty factor is normally multiplied by additional factors of 10 for each of the following conditions, if they apply:

- Extrapolation from animal toxicity studies to human toxicity (not used with human exposure data);
- Using a LOAEL in place of a NOAEL in equation [4], above;
- Using a dose (NOAEL or LOAEL) from a study which examined a less appropriate route of exposure to the chemical (the route of exposure most relevant to drinking water is ingestion);
- Using a dose from a study which exposed test animals for a period of time which is not a significant fraction of the animals' lifetime (subchronic exposure);
- Potential synergism among chemicals (the toxicity of two or more chemicals is greater than additive —the sum of their individual toxicities); and
- ♦ Any other toxicologic data gaps.

  RfDs have the same units as the NOAELs and

  LOAELs from which they are derived, mg/kg/day. The

  USEPA IRIS database contains reference doses for

  many threshold toxins.

The next step, equation [5], is the calculation of a drinking water equivalent level (DWEL) from the reference dose. This step is derived from equation [2] by

assuming an average human body weight of 70 kilograms and an average drinking water consumption rate of two liters per day. As with the calculation of cancer risk criteria in water, these are standard assumptions used by federal and state drinking water regulatory and advisory programs.

One last step, equation [6] in Figure 2, is required to turn the DWEL into the equivalent of a lifetime health advisory concentration. Two additional factors are used. The first is the relative source contribution or RSC. It accounts for the fact that we are usually exposed to chemicals from sources other than drinking water (e.g., in foods and in the air we breathe). The combined exposure from all sources forms the overall dose that may cause toxicity. The relative source contribution normally used by USEPA in deriving lifetime health advisories for threshold constituents is 20%. This means that 20% of the exposure is assumed to come from drinking water and 80% from all other sources combined. The second factor is an additional uncertainty factor, used to provide an extra margin of safety for those chemicals for which limited evidence of cancer risk exists (Class C carcinogens). This uncertainty factor is equal to 10 for Class C carcinogens, and I for chemicals in Classes D and E. As stated above, lifetime health advisories are usually not calculated for chemicals in cancer Classes A and B.

With equations [5] and [6], one can calculate health protective water quality goals for threshold toxins from RfD values published in the IRIS database and elsewhere in the literature. For example, acetone is a Class D chemical (no evidence of cancer risk) and has an RfD of 0.10 mg/kg/day. From equation [5], a DWEL of 3.5 mg/l may be calculated. By equation [6], this DWEL may be converted into an expected lifetime-exposure safe limit in drinking water of 0.7 mg/l or 700 ug/L. This and other similarly calculated limits are presented in the tables of this report.

#### SELECTING A WATER QUALITY GOAL FROM AMONG AVAILABLE NUMERICAL LIMITS

To protect all applicable beneficial uses, the most protective (lowest), appropriate (per the beneficial use designations and water quality objectives in the *Water Quality Control Plans*) numerical water quality limit should be selected as the beneficial use protective water quality limit for a particular water body and constituent. Due to the rapid evolution of data on the

health and environmental effects of chemicals, caution should be observed in selecting from among the various water quality goals to be sure that the most current limits are used. The original literature should be consulted whenever possible to determine the appropriateness and limitations of the water quality limits being considered. Other government agencies, such as the California Department of Health Services, the California Department of Fish and Game, the Office of Environmental Health Hazard Assessment, and the U.S. Environmental Protection Agency may be consulted for up-to-date information.

In some cases, multiple human health-protective numerical limits are available for a particular chemical. A decision must be made as to which of these limits is the most appropriate. In May of 1994, representatives of the State and Regional Water Boards met with toxicologists and other representatives of the DTSC and OEHHA to discuss the use of toxicologic criteria in contaminated site assessment and cleanup. The group agreed to use guidance parallel to that given on page 2-20 of DTSC's Preliminary Endangerment Assessment Guidance Manual (January 1994). When selecting numerical limits from the literature to interpret health based narrative water quality objectives or when selecting criteria for use in health risk assessments, limits should be used in the following hierarchy:

- 1) Cancer potency slope factors and reference doses promulgated into California regulations.
- 2) Cancer potency slope factors and reference doses used to develop environmental criteria promulgated into California regulations. The entirely health-based dose criteria should be used, and not necessarily the resulting risk management environmental concentration criteria (e.g., the RfD rather shan the MCL).
- Cancer potency slope factors and reference doses from USEPA's Integrated Risk Information System (IRIS).
- 4) Cancer potency slope factors or reference doses from USEPA's Health Effects Assessment Summary Tables (Health Advisories), the most current edition.

Criteria in the first two categories may be found in the Cal/EPA Toxicity Criteria Database maintained by OEHHA.

It has been common practice to rely on Primary

MCLs as "enforceable standards" for human health protection from chemicals in water. However, MCLs are designed to apply to water within a drinking water distribution system and at the tap. Care should be taken when relying on Primary MCLs to protect sources of drinking water (groundwater or surface water resources).

A common example of incorrect MCL application is the use of the total trihalomethane (THM) MCL for the protection of groundwater quality from chloroform, bromoform, bromodichloromethane and dibromochloromethane, the four chemicals covered by the term "trihalomethanes." These probable and possible human carcinogens are formed in drinking water by the action of chlorine, used for disinfection, on organic matter present in the raw source water. The total THM Primary MCL of 100 ug/L is 17 to 370 times higher than the one-in-a-million incremental cancer risk estimates for the individual chemicals published by OEHHA and USEPA. USEPA has stated that the MCL for total THMs was based mainly on technologic and economic considerations. Therefore, this drinking water standard is not fully health protective, and does not clearly protect the beneficial use of municipal and domestic supply.

The MCL for total THMs was derived by balancing the benefit provided by the chlorination process—elimination of pathogens in drinking water—with the health threat posed by the trihalomethane byproducts of this process and the cost associated with conversion to non-chlorine disinfection methods. In the case of groundwater protection, this type of cost/benefit balancing—accepting some cancer risk from chloroform and other THMs in order to eliminate the health risk from pathogens and avoid disinfection process conversion costs—is not germane. This water has not been and may not need to be chlorinated for domestic consumption. Therefore, the total THM MCL is not sufficiently protective of the ambient quality of domestic water supply sources.

To ensure that compliance can be ascertained, MCLs are required to be set at or above commonly achievable analytical quantitation limits. In several cases, DHS and USEPA have established MCLs at concentrations higher than health protective levels, where the health-based levels are below readily available analytical quantitation limits. It is clear from the Statement of Reasons documents that the intent of

DHS was to adopt one-in-a-milion cancer risk values for several chlorinated solvents as MCLs if analytical quantitation limits had been lower. Since the adoption of these MCLs, analytical quantitation limits have improved, such that their respective health-based levels can be reliably measured at reasonable cost. The technologic constraint posed by analytical quantitation limits is no longer germane. Therefore, it is no longer reasonable to rely on outdated analytical quantitation limits as substitutes for truly health-based criteria when interpreting the narrative water quality objective for toxicity.

In several cases, Public Health Goals adopted by OEHHA are more stringent than existing Primary MCLs. The intent of the legislation that mandated the adoption of PHGs is to inform DHS when their MCLs are less than fully health-protective. DHS must periodically review their MCLs and revise them to be as close to PHG values as is technologically and economically achievable. Compliance with health-based PHGs, which indicate the probable levels of future MCLs, may be appropriate for protection of water resources for municipal and domestic supply uses.

MCLs are only a subset of the water quality objectives applicable to sources of municipal and domestic supply under most Basin Plans. Narrative objectives related to toxicity and general beneficial use protection from chemical constituents are also applicable to these waters under most Basin Plans. Due to the constraints discussed above, MCLs that are not fully health protective are not appropriate water quality goals to interpret these objectives. Published health-based limits, such as one-in-a-million incremental cancer risk estimates, are appropriate to interpret these narrative objectives. They are more accurate measures of potential impairment by toxic chemicals of the beneficial use of groundwater and surface water for municipal and domestic supply.

Virtually all Primary MCLs are derived by balancing health effects information with the technologic and economic considerations that are directly related to providing that water to customers through conventional drinking water supply systems. Thus, Primary MCLs are not always reliable indicators of the protection of beneficial uses of ambient groundwaters or surface waters. They may not be appropriate water quality goals to interpret narrative water quality objectives that prevent human toxicity or generally protect bene-

ficial uses from chemical constituents.

There are additional instances where water quality limits more stringent than MCLs are applied to protect all of the beneficial uses of a water resource. For example, the Regional Water Boards require surface waters to comply with aquatic life protective criteria for metals where these criteria are more stringent than MCLs. Agricultural use protective limits for several constituents, including chloride, are more stringent than MCLs, indicating that agricultural use may be impaired at lower concentrations. Several chemicals cause water to taste or smell bad at concentrations far lower than MCLs. The following are taste and odor thresholds and MCLs (in ug/L) for three common gasoline constituents:

	Taste & Odor	Primary	
	Threshold	MCL	
Ethylbenzene	29	700	
Toluene	42	150	
Xylene(s)	17	1750	

Water will be rendered unpalatable and beneficial uses will be impaired at concentrations that are significantly below MCLs.

Again, even though the MCL may be an applicable water quality objective for these waters, it may not be the most relevant numerical water quality limit with which to ascertain compliance with all applicable water quality objectives. As such, MCLs may not be sufficiently protective of the most sensitive beneficial use.

As discussed above, the state's Antidegradation Policy requires water quality limits to be set below beneficial use protective concentrations, toward or equal to background levels, when feasible.

# An Example of Beneficial Use Protective Water Quality Limit Selection

Suppose that you are investigating a site where a waste oil tank has leaked into the surrounding soils. Groundwater sampling results indicate that zinc, trichloroethylene (TCE), benzene, and xylene have entered groundwater. You wish to know whether the levels of constituents detected in water samples are of significant concern.

The first step would be to look at the Water Quality Control Plan (Basin Plan) for the particular Region in which your site is located. Upon examination of that

document, you determine that the beneficial uses designated for groundwater beneath this site are municipal and domestic supply and agricultural supply. No numerical groundwater quality objectives are listed in the Basin Plan for the constituents of concern. However, there are three narrative objectives that appear to be applicable:

#### ♦ Chemical Constituents

Groundwaters shall not contain chemical constituents in concentrations that adversely affect beneficial uses.

At a minimum, groundwaters designated for use as domestic or municipal supply (MUN) shall not contain concentrations of chemical constituents in excess of the maximum contaminant levels (MCLs) specified in Title 22 of the California Code of Regulations.

#### Tastes and Odors

Groundwaters shall not contain taste- or odorproducing substances in concentrations that cause nuisance or adversely affect beneficial uses.

#### ♦ Toxicity

Groundwaters shall be maintained free of toxic substances in concentrations that produce detrimental physiological responses in human, plant, animal, or aquatic life associated with designated beneficial use(s). This objective applies regardless of whether the toxicity is caused by a singled substance or the interactive effect of multiple substances.

Together, these beneficial uses and water quality objectives constitute the water quality standards for the chemical constituents in groundwater at the site of your investigation. The next step is to select water quality goals to interpret these narrative objectives. The tables of this Water Quality Goals staff report contain an extensive list of such numerical limits.

The chemical constituents objective from the Basin Plan, stated above, incorporates by reference California's maximum contaminant levels (MCLs). The Basin Plans do not differentiate between Primary and Secondary MCLs, so both types of limits are applicable. These drinking water standards are:

Zinc	5000 ug/L
TCE	5 ug/L
Benzene	1 ug/L
Xvlene	1750 ua/L

[Note that federal MCLs for benzene (5 ug/L) and xylene (10,000 ug/L) are less stringent than California MCLs.]

This objective also prohibits chemical constituents in concentrations that adversely affect beneficial uses. One of the constituents of concern for our site could adversely affect the use of groundwater for agricultural supply. A numerical limit to protect agricultural water use from zinc is 2000 ug/L. Agricultural use protective numerical limits are not available for the organic solvents. Note that this zinc limit is more stringent than the MCL. Agricultural use of water is not necessarily protected by compliance with MCLs alone.

The second water quality objective stated above requires that water not contain substances that could impart objectionable tastes or odors. Taste- and odorbased (organoleptic) levels include:

- California and federal Secondary MCLs;
- California State Action Levels based on taste and odor;
- USEPA National Ambient Water Quality Criteria based on taste & odor or welfare; and
- Other taste and odor thresholds from the scientific and regulatory literature.

For the constituents of concern, taste- and odor- based numerical limits are:

Zinc	5000 ug/L
TCE	310 ug/L
Benzene	170 ug/L
Xylene	17 ug/L

Note that xylene can make water taste or smell bad at a concentration that is over 100-fold lower than the health-based MCL. [The proposed USEPA Secondary MCL for xylene, at 20 ug/L, was rounded from and is slightly higher than the taste and odor threshold. However, it is only a proposed value.]

The toxicity objective, stated above, prohibits toxic chemicals in water in toxic amounts. Human health-based limits that are derived for drinking water exposures are relevant to the waste oil tank leak situation because humans could experience toxic effects if the chemicals of concern were present in groundwater used for municipal and domestic supply. Health-based National Ambient Water Quality Criteria from USEPA are not relevant, because those limits assume that exposure also occurs through ingestion of contaminated fish and shellfish, not present in groundwater.

Relevant health-based limits for zinc include:

USEPA IRIS Reference Dose	2100 ug/L
USEPA Health Advisory	2000 ug/L

IRIS values are usually preferred over health advisories, because they are intended to reflect USEPA's most recent health risk information. In this case, the health advisory was derived from the IRIS reference dose by rounding to one significant figure.

Health-based limits for TCE include:

Primary MCL	5	ug/L
California Public Health Goal	0.8	ug/L
Cal/EPA Cancer Potency Factor	2.3	ug/L
USEPA Health Advisory - cancer	3	ug/L
NAS cancer risk level	1.5	ug/L
Proposition 65 regulatory level	25	ug/L

The MCL is not purely health protective because it was based on quantitation limits using older analytical methods. The Proposition 65 regulatory level is based on the less-appropriate 10<sup>-5</sup> cancer risk level. All of the remaining limits are based on a 10<sup>-6</sup> cancer risk level. According to the hierarchy of health-based criteria agreed upon by staff of the Water Boards, DTSC and OEHHA, discussed above, the California-derived limits (the PHG and the Cal/EPA cancer potency factor) are preferred over federal limits for use in California. Both California limits assume exposure through inhalation caused by in-home water use in addition to direct ingestion of water. Both of these limits are from OEHHA, but the PHG is a more recent criterion. If the two California limits were not available, the NAS criterion, from Drinking Water and Health, is far older than the USEPA Health Advisory, and was "based on limited evidence" (as indicated in the footnote in the Water Quality Goals tables).

Relevant health-based values for benzene include:

California Primary MCL	1	ug/L
USEPA Primary MCL	5	ug/L
Draft Calif. Public Health Goal	0.14	ug/L
10-day USEPA Health Advisory	200	ug/L
Cal/EPA Cancer Potency Factor	0.35	ug/L
IRIS Cancer Potency Factor	1	ug/L
USEPA Health Advisory - cancer	1	ug/L
Proposition 65 regulatory level	3.5	ug/L

The USEPA MCL is not purely health protective because it was based on quantitation limits using older

analytical methods. The Proposition 65 regulatory level is based on the less-appropriate 10<sup>-5</sup> cancer risk level. The 10-day health advisory does not protect against cancer and other health effects associated with potential long-term water use and is, therefore, not relevant to protecting a groundwater resource for existing and future beneficial use. The California MCL may not be purely health protective by comparison to the remaining health-based limits. Of the remaining limits, the PHG is the most recent California-derived value; however, it has not yet been adopted in final form. The Cal/EPA cancer potency factor is the only other California agency derived limit that is based entirely on health effects.

Health-based limits for xylene include:

California Primary MCL	1750 ug/L
USEPA Primary MCL	10,000 ug/L
USEPA MCL Goal	10,000 ug/L
California Public Health Goal	1800 ug/L
USEPA IRIS Reference Dose	14,000 ug/L
USEPA Health Advisory	10,000 ug/L

The California derived limits (MCL and PHG) are virtually identical and are significantly more stringent than any of the USEPA criteria. It is plausible that the reference dose was rounded to one significant figure to derive the remaining USEPA limits.

In summary, appropriate health-based numerical water quality limits for use in interpreting the toxicity objective for the constituents of concern at our site are:

Zinc	2100	ug/L	USEPA IRIS RfD
TCE	0.8	ug/L	Calif. Public Health Goal
Benzene	0.35	ug/L	Cal/EPA Cancer Potency
Xylene	1750	ug/L	California Primary MCL

So far, we have selected water quality goals to interpret each of the applicable narrative water quality objectives for each constituent of concern (in ug/L).

CoC	Water Quality Objective	Goal
Zinc	Chemical Constituents (MCL) Chemical Constituents (Ag use) Taste and Odor Toxicity	5000 2000 5000 2100
TCE	Chemical Constituents (MCL) Taste and Odor Toxicity	5 310 0.8

Benzene	Chemical Constituents (MCL)	1
	Taste and Odor	170
	Toxicity	0.35
Xylene	Chemical Constituents (MCL)	1750
	Taste and Odor	17
	Toxicity	1750

The most limiting of these goals for each constituent would ensure compliance with all water quality objectives and should protect all beneficial uses. Therefore, the beneficial use protective water quality limits for the constituents of concern at our leaking waste oil tank site are:

Zinc	2000	ug/L	Agricultural Use Limit
TCE	0.8	ug/L	Calif. Public Health Goal
Benzene	0.35	ug/L	Cal/EPA Cancer Potency
Xylene(s)	17	ug/L	Taste & Odor Threshold

Measured concentrations in groundwater which exceed these limits would be considered to violate applicable water quality standards.

The reader is cautioned that these values would apply to groundwater at the hypothetical site in this example, and not necessarily to water bodies in other locations. Water resources at other sites may have different beneficial use designations and water quality objectives.

In the above example, the solvents are not normally found in groundwater. So aquifer-specific background levels are not relevant to beneficial use protection. Where background concentrations (out of the influence of waste management activities at the site) are higher than the limits selected to ascertain compliance with all applicable water quality objectives, the Regional Water Board would not normally require the site owner or operator to improve upon such background conditions. In such cases, the background concentrations are considered to comply with the applicable water quality numerical limits.

In addition, strict application of California's Antidegradation Policy would require that background levels of chemicals in groundwater ("zero" for anthropogenic substances, such as solvents, at most sites) be selected as appropriate water quality limits if some water quality degradation is not found to be consistent with the requirements of that policy, as discussed above. Cleanup of groundwater to meet background levels would be required unless attaining such levels is

determined to be infeasible. If cleanup levels higher than background are selected, those levels may not exceed applicable water quality standards, i.e., they should not exceed the beneficial use protective water quality limits, as selected above.

## Additive Toxicity Criterion for Multiple Constituents

When multiple constituents have been found in groundwater or surface waters, their combined toxicity should be evaluated. In the absence of scientifically valid data to the contrary, Section 2550.4(g) of the Chapter 15, Article 5 regulations, which is referenced in the State Water Board's Site Investigation and Cleanup Policy, requires that theoretical risks from chemicals found together in a water body "shall be considered additive for all chemicals having similar toxicologic effects or having carcinogenic effects." Some Water Quality Control Plans also require that combined toxicological effects be considered in this manner. This requirement is also found in the California hazardous waste management regulations [Title 22 of CCR, Section 66264.94(f)], and in the USEPA Risk Assessment Guidance for Superfund (RAGS).

The commonly used toxicologic formula for assessing additive risk is:

$$\sum_{i=1}^{n} \frac{[\text{Concentration of Constituent}]_{i}}{[\text{Toxicologic Limit in Water}]_{i}} < 1.0$$

The concentration of each constituent is divided by its toxicologic limit. The resulting ratios are added for constituents having similar toxicologic effects and, separately, for carcinogens. If such a sum of ratios is less than one, no additive toxicity problem is assumed to exist. If the summation is equal to or greater than one, the combination of chemicals is assumed to present an unacceptable level of health risk.

For our leaking waste oil tank example discussed above, monitoring shows that groundwater quality beneath the site has been degraded by four constituents of concern in the following concentrations:

Zinc	1300	ug/L
TCE	0.6	ug/L
Benzene	0.3	ug/L
Xylene	9	ug/L

None of these concentrations exceeds beneficial use protective water quality limits.

However, two of these constituents, TCE and benzene, are associated with cancer risk. The Public Health Goal for TCE was established at the one-in-a-million incremental cancer risk level. A one-in-a-million incremental cancer risk level may also be calculated from the Cal/EPA cancer potency factor. These cancer-based health limits are:

Individually, no chemical exceeds its toxicologic limit. However, an additive cancer risk calculation shows:

$$\frac{0.6}{0.8} + \frac{0.3}{0.35} = 1.6$$

The sum of the ratios is greater than unity (>1.0); therefore, the additive toxicity criterion has been violated. The chemicals together present an unacceptable level of toxicity—in this case, cancer risk.

#### CLEANUP LEVELS IN WATER

If contaminants are found to impair or threaten the beneficial uses of groundwater or surface water resources, cleanup levels in water must be chosen. To satisfy State Water Board Resolution No. 92-49, Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304, the Antidegradation Policy, and Section 2550.4 of Title 23 of CCR, cleanup levels for constituents in water are to be chosen at or below applicable water quality standards. Water quality numerical limits, selected using the procedures discussed above, may be used to determine that remaining constituents do not exceed these standards. In addition, such cleanup levels must also:

- not result in excessive exposure to sensitive biological receptors;
- not pose a substantial present or potential hazard to human health or the environment;
- not exceed the maximum concentration allowable under applicable statutes or regulations; and
- be the lowest concentration for each individual constituent that is technologically and economically achievable, toward background levels.

Conventional health and ecological risk assessment procedures can be used to satisfy the first and second

of these additional requirements. Feasibility studies provide information that can be used to satisfy the last requirement.

#### **CONCLUSION AND STATUS**

This staff report has been developed to provide a uniform method and a convenient source of numerical limits for consistently determining compliance with California's water quality standards. It is referenced for this use in both *Water Quality Control Plans* for the Central Valley Region.

This report has been used by the State Water Board and the other Regional Water Boards as a reference for selecting numerical water quality limits. This report has also been referenced in the *Water Quality Control Plan* for the San Francisco Bay Region.

A Compilation of Water Quality Goals will be updated and expanded to account for newly developed numerical water quality information, as needed and as Regional Board staff resources are made available for that effort.

#### GLOSSARY

Beneficial Use Protective Water Quality Limit — The most limiting relevant numerical water quality limit for a constituent or parameter of concern in a specific body of groundwater or surface water at a specific site. This limit is chosen to determine compliance with all applicable water quality objectives for the protection of designated beneficial uses. The beneficial use protective water quality limit is selected from among applicable numerical water quality objectives and water quality goals used to interpret narrative water quality objectives. In no case is this limit more stringent than the true background concentration of the constituent of concern.

Beneficial Uses — Uses of surface water and groundwater that must be protected against water quality degradation. Beneficial uses are established in the Water Quality Control Plans. See Water Quality Standards.

Water Quality Criteria — Numerical or narrative limits for constituents or characteristics of water designed to protect specific designated uses of the water under the authority of the federal Clean Water Act. California's water quality criteria are called "water quality objectives." See Water Quality Standards.

Water Quality Goal — A numerical water quality limit from the literature used to interpret an applicable narrative water quality objective from a Water Quality Control Plan.

Water Quality Objectives — Numerical or narrative limits for constituents or characteristics of water designed to protect specific designated uses of the water under the authority of the California Porter-Cologne Water Quality Control Act. Water quality objectives are established by the State Water Resources Control Board and the nine Regional Water Quality Control Boards in Water Quality Control Plans. See Water Quality Standards.

Water Quality Standards — Pursuant to the federal Clean Water Act, a combination of the designated beneficial uses of water and criteria (or water quality objectives) to protect those uses. In California, beneficial uses and water quality objectives are adopted by the State Water Resources Control Board and nine Regional Water Quality Control Boards in Water Quality Control Plans. Water Quality Control Plans adopted by the Regional Water Boards are also called Basin Plans. These Plans establish enforceable limits for bodies of surface water and groundwater.

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CONSTITUENT		See Listing(s) Under:	CAS No
P-AAF	Organic	2-Acetylaminofluorene	53-96-3
A-alpha-C		A-alpha-C	26148-68-5
Aatrex	Organic	Atrazine	1912-24-9
Abamectin	Organic		65195-55-3
cenaphthene	Organic Organic	Acenaphthene	83-32-9
scenaphthylene scephate	Organic	Acenaphthylene Acephate	208-96-8
cetaldehyde	Organic	Acetaldehyde	30560-19-1 75-07-0
cetaldehyde methylformylhydrazone		Gyromitrin	16568-02-8
Acetamide	Organic	Acetamide	60-35-5
-Acetaminofluorene	Organic	2-Acetylaminofluorene	53-96-3
icelic acid	Organic	Acetic acid	64-19-7
Acetic acid amide		Acetamide .	60-35-5
cetochlor	Organic	Acetochlor	34256-82-1
cetone	Organic	Acetone	67-64-1
cetonitrile	Organic	Acetonitrile	75-05-8
Acetophenone	Organic	Acetophenone	98-86-2
-Acetylaminofluorene	Organic	2-Acetylaminofluorene	53-96-3
cetylene	Organic	Acetylene	74-86-2
cifluorfen	Organic	Acifluorfen	62476-59-9
crolein		Acrolein	107-02-8
crylamide		Acrylamide	79-06-1
crylic acid		Acrylic acid	79-10-7
crylonitrile		Acrylonitrile	107-13-1
ctinomycin D	Organic	· · · · · · · · · · · · · · · · · · ·	50-76-0
dvantage	Organic	Carbosulfan	55285-14-8
F-2	Organic	AF-2	3688-53-7
flatoxins	Organic	Aflatoxins	1402-68-2
9	Inorganio	• · · · · · · · · · · · · · · · · · · ·	7440-22-4
1	Inorganio		7429-90-5
lachlor	Organic	Alachlor	15972-60-8
lanex	Organic		15972-60-8
lanine nitrogen mustard	Organic	Melphalan	148-82-3
lar	Organic	Daminozide	1596-84-5
Idicarb	Organic	Aldicarb	116-06-3
Idicarb sulfone	Organic	Aldicarb sulfone	1646-88-4
Idicarb sulfoxide	Organic	Aldicarb sulfoxide	
ldrin	Organic	Aldrin	309-00-2
Idrosol	Organic	Aldrin	309-00-2
liette Ikalinity	Organic	Fosetyl-al	39148-24-8
lkeran	Inorganic Organic		440.00.7
illy	Organic	Melphalan Ally	148-82-3 74223-64-6
llyl alcohol	Organic	Allyl alcohol	107-18-6
llyl chloride	Organic	3-Chloropropene	107-05-1
Allyl-1,2-methylenedioxybenzene	Organic	Salrole	94-59-7
llyl trichloride	Organic	1,2,3-Trichloropropane	96-18-4
lochlor	Organic	Alachlor	15972-60-8
trad	Organic	Estradiol 17B	50-28-2
uminum		Aluminum	7429-90-5
luminum phosphide		Aluminum phosphide	20859-73-8
mber	Organic	Triasulfuron	82097-50-5
ndro	Organic	Amdro	67485-29-4
metrex	Organic		834-12-8
netryn	Organic		834-12-8
netycine		Mitomycin C	50-07-7
miben		Chloramben	133-90-4
Aminoanisole hydrochloride		o-Anisidine hydrochloride	134-29-2
Amino-anisole	Organic	o-Anisidine	90-04-0
Aminoanthraquinone	Organic	2-Aminoanthraquinone	117-79-3
Aminoazotoluene	Organic	o-Aminoazotoluene	97-56-3
ninobenzene	Organic	Aniline	62-53-3
Aminobiphenyl	Organic	4-Aminobiphenyl	92-67-1
Aminobutane		n-Butylamine	109-73-9
Amino-alpha-carboline		A-alpha-C	26148-68-5
Amino-4-chlorobenzene		p-Chloroaniline	106-47-8
ninocyclohexane		Cyclohexylamine	108-91-8
Amino-2,3-dimethylazobenzene	Organic	o-Aminoazotoluene	97-56-3
nino-2,4-dimethylbenzene	Organic	2,4-Xylidine	1300-73-8
nino-2,6-dimethylbenzene	Organic	2,6-Xylidine	87-62-7
Aminodiphenyl	Organic	4-Aminobiphenyl	92-67-1
ninoethane	Organic	Ethylamine	75-04-7
Aminoethanol	Organic	Ethanolamine	141-43-5
Amino-9-ethylcarbazole hydrochloride	Organic	3-Amino-9-ethylcarbazole hydrochloride	6109-97-3
ninomethane	Organic	Methylamine	74-89-5
Amino-2-methylanthraquinone	Organic	1-Amino-2-methylanthraquinone	82-28-0
Amino-6-methyldipyrido[1,2-a:3',2'-d]-imidazole	Organic	Glu-P-1	67730-11-4
Amino-3-methylimidazo[4,5-f]quinoline	Organic		76180-96-6
Amino-3-methyl-9H-pyrido-[2,3-b]indole		Me-A-alpha-C	68006-83-7
Aminonaphthalene	Organic	2-Methyl-1-nitroanthraquinone	129-15-7

Г	CONSTITUENT	Category	See Listing(s) Under:	CAS No.
١I	2-Aminopropane	Organic	Isopropylamine	75-31-0
	2-Aminopyrido[1,2-a:3',2'-d]-imidazole	Organic		67730-10-3
Ī	2-Amino-9H-pyrido(2,3-b)indole		A-alpha-C	26148-68-5
	2-Aminotoluene	Organic	o-Toluidine	95-53-4
- [	2-Aminotoluene hydrochloride		o-Toluidine hydrochlonde	636-21-5
[	3-Amino-1,2,4-triazole	Organic	Amitrole	61-82-5
[	Amilraz	Organic	Amitraz	33089-61-1
[	Amitrole	Organic	Amitrole	61-82-5
- Į	Ammonia	Inorganic	Ammonia	7664-41-7
- 1	Ammonium (NH, ')	Inorganic	Ammonia	7664-41-7
	Ammonium nitroso-beta-phenylhydroxylamine	Organic	Cuplerron	135-20-6
r	Ammonium sulfamate		Ammonium sulfamate	7773-06-0
- 1	n-Amyl acetate		n-Amyl acetate	628-63-7
	Amyl aldehyde		n-Valeraldehyde	110-62-3
- 1	Aniline	Organic		62-53-3
	o-Anisidine		o-Anisidine	90-04-0
	o-Anisidine hydrochloride		o-Anisidine hydrochloride	134-29-2
	Antergon		Maleic hydrazide	123-33-1
	Anthracene		Anthracene	120-12-7
}	Antimony		Antimony	7440-36-0
ł	Andioxyne B		Butylated hydroxyanisole	25013-16-5
}	Apollo Aquarida	Organic		74115-24-5
	Aquacide Aracide	Organic Organic		85-00-7
- 1	Aranite		Aramite	140-57-8
	Aramite Arilate		Aramite Benomy!	140-57-8
•	Arsenic	Inorganic		7440-38-2
•	Arsine	Inorganic		7784-42-1
	As	Inorganic		7440-38-2
ŀ	Asbestos		Asbestos	1332-21-4
ł	AsH <sub>3</sub>	Inorganic		7784-42-1
	Assure		Assure	76578-14-8
	Asulam	Organic		3337-71-1
Ī	Airanex	Organic	Alrazine	1912-24-9
[	Atrazine	Organic	Atrazine	1912-24-9
-	Auramine	Organic	Auramine	492-80-8
-	Avenge	<del></del>	Difenzoquat	43222-48-6
١	Avermectin B1		Avermectin B1	65195-55-3
ļ	Azaserine	Organic	Azaserine	115-02-6
ļ	Azalhioprine		Azathioprine	446-86-6
-	Azide, sodium	Inorganic	Sodium azide	26628-22-8
-	Azimelhiphos	Organic	Cyromazine	66215-27-8 27314-13-2
ŀ	Azinone	<del></del>	Norflurazon	86-50-0
ŀ	Azinphos-methyl		Azinphos-methyl	151-56-4
- 1	Aziridine		Ethyleneimine 5-Nitro-o-anisidine	99-59-2
	Azoamine scarlet Azobenzene		Azobenzene	103-33-3
L	7200engana	Organic	7.20061126116	1,00 00 0
ſ	В	Inorganic	Boron	7440-42-8
	Ba	Inorganic		7440-39-3
	Balan	Organic		1861-40-1
	Banner		Propiconazole	60207-90-1
- 1	Banvel		Dicamba	1918-00-9
- 1	BaP			
ŀ		Organic	Benzo(a)pyrene	50-32-8
Ţ	Baridol		Benzo(a)pyrene Estradiol 17B	50-32-8 50-28-2
		Organic Inorganic	Estradiol 17B Barium	50-32-8 50-28-2 7440-39-3
	Baridol Barium Basagran	Organic Inorganic Organic	Estradiol 17B Barium Bentazon	50-32-8 50-28-2 7440-39-3 25057-89-0
	Baridol Barium Basagran Basic lead acetate	Organic Inorganic Organic Organic	Estradiol 17B Barium Bentazon Lead subacetale	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine	Organic Inorganic Organic Organic Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9
	Baridol Barium Basagran Basic lead acetale Basic parafuchsine Basia	Organic Inorganic Organic Organic Organic Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monchydrochloride Glufosinate-ammonium	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2
	Baridol Barium Bassagran Basic lead acetate Basic parafuchsine Basic Basic	Organic Inorganic Organic Organic Organic Organic Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine Basic Basi	Organic Inorganic Organic Organic Organic Organic Organic Organic Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Giufosinate-ammonium Diazinon Baygon	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine Basta Basudin Basygon Bayleton	Organic Inorganic Organic Organic Organic Organic Organic Organic Organic Organic Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine Basta Basudin Baygon Bayten Bayten	Organic Inorganic Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Baythroid	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5
	Baridol Barium Basegran Basic lead acetate Basic parafuchsine Basia Basudin Baygon Bayleton Baythroid BCEE	Organic Inorganic Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteron Baythroid Bis(2-chloroethyt) ether	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4
	Baridol Barium Basegran Basic lead acetate Basic parafuchsine Basic Basudin Baygon Bayleton Baythroid BCEE	Organic Inorganic Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Baythroid Bis(2-chlorosixpropyl) ether Bis(2-chlorosixpropyl) ether	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine Basta Basudin Baygon Bayten Baythroid BCEE BCIE BCME	Organic Inorganic Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Baythroid Bis(2-chlorostryt) ether Bis(chloromethyt) ether	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine Baste Basudin Baygon Bayteno Bayteno Bayteno Baythroid BCEE BCIE BCME	Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Baythroid Bis(2-chloroethyl) ether Bis(chloromethyl) ether Bis(chloromethyl) ether Bromodichloromethane	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine Basta Basudin Baygon Bayten Bayten Bayten Bayten Bayten Bayten Baytenbert Baytenb	Organic Inorganic Organic Inorganic	Estradiol 17B Barium Bentazon Lead subacetate C. 1. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Baythroid Bis(2-chloroethyl) ether Bis(2-chloroisopropyl) ether Bis(2-chloromethyl) ether Bromodichloromethane Berytlium	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1 75-27-4
	Baridol Barium Basegran Basic lead acetate Basic parafuchsine Basic Basudin Baygon Bayleton Baythroid BCEE BCIE BCME BDCM Be Benefin	Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Bayteton Bayteton Bis(2-chlorostopropyl) ether Bis(2-chloromethyl) ether Bis(chloromethyl) ether Bis(bloromethyl) ether	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1 75-27-4 7440-41-7
	Baridol Barium Bassagran Bassic lead acetate Basic parafuchsine Basta Basudin Bayun Bayleton Bayleton Baythroid BCEE BCIE BCME BDCM Be Benefin Benefin	Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Baythroid Bis(2-chlorostryt) ether Bis(2-chlorostryt) ether Bis(chloromethyt) ether Bromodichloromethane Beryllium Benefin Benefin	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1 75-27-4 7440-41-7 1861-40-1
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine Baste Basudin Baygon Bayteton Baythroid BCEE BCIE BCME BDCM Be Benefin Benefin Benefin Benefin Benlate	Organic Inorganic Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Bayteton Bayteton Bis(2-chlorostopropyl) ether Bis(2-chloromethyl) ether Bis(chloromethyl) ether Bis(bloromethyl) ether	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1 75-27-4 7440-41-7 1861-40-1
	Baridol Barium Bassagran Bassic lead acetate Basic parafuchsine Basta Basudin Bayun Bayleton Bayleton Baythroid BCEE BCIE BCME BDCM Be Benefin Benefin	Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Giufosinate-ammonium Diazinon Baygon Bayteton Baythroid Bis(2-chloroethyl) ether Bis(2-chloromethyl) ether Bis(chloromethyl) ether Bromodichloromethane Beryflium Benefin Benefin Benemyl	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1 75-27-4 7440-41-7 1861-40-1 17804-35-2
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine Basta Basudin Baygon Bayteron Bayteron Bayteron Bayteron Boutherial BCEE BCIE BCIE BCME BDCM Be Benefin Benefin Benefin Benefiale Benomyl	Organic	Estradiol 17B Barium Bentazon Lead subacetate C. 1. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Baythroid Bis(2-chlorosethyl) ether Bis(2-chlorosepropyl) ether Bis(chloromethyl) ether Bis(chloromethyl) ether Beromodichloromethane Berytlium Benefin Benefin Benomyl Benomyl Benomyl	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1 75-27-4 7440-41-7 1861-40-1 17804-35-2 17804-35-2
	Baridol Barium Basegran Basic lead acetate Basic parafuchsine Basta Basudin Bayleton Bayleton Bayleton Bayleton Bomber Back BCEE BCIE BCME BDCM Be Benefin Benefin Benefinatin Benefinatie Benomyl Benomyl	Organic Inorganic Organic	Estradiol 17B Barium Bentazon Lead subacetate C. 1. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Baythroid Bis(2-chlorosethyl) ether Bis(2-chlorosepropyl) ether Bis(chloromethyl) ether Bis(chloromethyl) ether Beromodichloromethane Berytlium Benefin Benefin Benomyl Benomyl Benomyl	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1 75-27-4 7440-41-7 1861-40-1 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2 17804-35-2
	Baridol Barium Bassagran Bassic lead acetate Basic parafuchsine Basta Basudin Bayton Bayteton Baythroid BCEE BCIE BCME BDCM Be Benefin Benfuratiin Bennate Benonyle Bensylyte Bensylyte Benslazon	Organic	Estradiol 17B Barium Barium Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Baythroid Bis(2-chlorosthyt) ether Bis(2-chloroisopropyl) ether Bis(chloromethyt) ether Bis(chloromethyt) ether Bromodichloromethane Beryllium Benefin Benefin Benefin Benomyl Phenoxybenzamine Bentazon	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1 75-27-4 7440-41-7 1861-40-1 17804-35-2
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine Basta Basudin Baygon Bayleton Baythroid BCEE BCIE BCIE BCME BDCM Be Benefin Benefin Benefuratin Bennate Benornyl Bensylyte Bensylyte Benslazon Benthiocarb	Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Baygon Bayteton Baythroid Bis(2-chloroethyl) ether Bis(2-chloromethyl) ether Bis(chloromethyl) ether Bromodichloromethane Beryllium Benefin Benefin Benefin Benomyl Benomyl Phenoxybenzamine Bentazon Thiobencarb Benzaldehyde	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1 75-27-4 7440-41-7 1861-40-1 17804-35-2 17804-35-2 17804-35-2 17804-35-2 59-96-1 25057-89-0 28249-77-6 100-52-7 62-53-3
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine Baste Basudin Baygon Bayleton Baythroid BCEE BCIE BCME BDCM Be Benefin Benefin Benefin Beniate Benomyl Bensylyte Bensylyte Bentazon Bentalon Bentalon Bentalon	Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Baygon Bayteton Baythroid Bis(2-chloroethyl) ether Bis(2-chloromethyl) ether Bis(chloromethyl) ether Bromodichloromethane Beryllium Benefin Benefin Benefin Benomyl Benomyl Phenoxybenzamine Bentazon Thiobencarb Benzaldehyde	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 569-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1 75-27-4 7440-41-7 1861-40-1 1861-40-1 17804-35-2 17
	Baridol Barium Basagran Basic lead acetate Basic parafuchsine Basta Basudin Baygon Baygon Baythroid Begen Baythroid BCEE BCIE BCIE BCMB BDCM Be Benefin Benfluralin Benfluralin Benomyl Bensylyte Benazon Benzaldehyde Benzaldehyde Benzaldehyde	Organic	Estradiol 17B Barium Bentazon Lead subacetate C. I. Basic Red 9 monohydrochloride Glufosinate-ammonium Diazinon Baygon Bayteton Baythroid Bis(2-chloroethyl) ether Bis(2-chloroisopropyl) ether Bis(2-chloromethyl) ether Bis(2-chloromethyl) ether Beromodichloromethyne Beromodichloromethyne Beromodichloromethyne Benefin Benefin Benefin Benomyl Benomyl Phenoxybenzamine Bentazon Thiobencarb Benzaldehyde Aniline	50-32-8 50-28-2 7440-39-3 25057-89-0 1335-32-6 559-61-9 77182-82-2 333-41-5 114-26-1 43121-43-3 68359-37-5 111-44-4 39638-32-9 542-88-1 75-27-4 7440-41-7 1861-40-1 17804-35-2 17804-35-2 17804-35-2 59-96-1 25057-89-0 28249-77-6 100-52-7 62-53-3

CONSTITUENT	Category	See Listing(s) Under:	CAS No
alpha-Benzene hexachloride	Organic	alpha-BHC	319-84-6
peta-Benzene hexachloride	Organic	beta-BHC	319-85-7
gamma-Benzene hexachloride	Organic	gamma-BHC (Lindane)	58-89-9
delta-Benzene hexachloride		delta-BHC	319-86-8
echnical-Benzene hexachloride	Organic	technical-BHC	608-73-1
Benzenes, chlorinated	Organic	Chlorinated benzenes	68411-45-0
	ĺ	Chlorobenzene	108-90-7
		1,2-Dichlorobenzene	95-50-1
	1	1,3-Dichlorobenzene	541-73-1
		1,4-Dichlorobenzene	106-46-7
		Dichlorobenzenes	25321-22-6
		Hexachlorobenzene	118-74-1
		Pentachlorobenzene .	608-93-5
		1.2.4.5-Tetrachlorobenzene	95-94-3
		1,2,4-Trichlorobenzene	120-82-1
		1,3,5-Trichlorobenzene	108-70-3
		Trichlorobenzenes	12002-48-1
Benzenes, dichloro-	Organic	1,2-Dichlorobenzene	95-50-1
		1,3-Dichlorobenzene	541-73-1
	1	1,4-Dichlorobenzene	106-46-7
		Dichlorobenzenes	25321-22-6
Benzenes, trichloro-	Organic	1,2,4-Trichlorobenzene	120-82-1
•	"	1,3,5-Trichlorobenzene	108-70-3
		Trichlorobenzenes	12002-48-1
Benzidin <b>e</b>	Organic	Benzidine	92-87-5
Benzo(a)anthracene		Benz(a)anthracene	56-55-3
1,3-Benzodioxole		Dihydrosafrole	94-58-6
10,11-Benzofluoranthene		Benzo(j)fluoranthene	205-82-3
3,4-Benzofluoranthene		Benzo(b)fluoranthene	205-99-2
3,9-Benzofluoranthene		Benzo(k)fluoranthene	207-08-9
Benzo(b)fluoranthene		Benzo(b)fluoranthene	205-99-2
Benzo(j)fluoranthene		Benzo(i)fluoranthene	205-82-3
Benzo(k)fluoranthene		Benzo(k)fluoranthene	207-08-9
Benzofuran		Benzoluran	271-89-6
Benzoic adic		Benzoic adic	65-85-0
Benzo(g,h,i)perylene		Benzo(g,h,i)perylene	191-24-2
1,12-Benzoperylene		Benzo(g,h,i)perylene	191-24-2
Benzo(a)pyrene	Organic	Benzo(a)pyrene	50-32-8
3.4-Benzopyrene		Benzo(a)pyrene	50-32-8
1,4-Benzoquinone		Quinone	106-51-4
Benzotrichloride		Benzotrichloride	98-07-7
Benzyl butyl phthalate		n-Butyl benzyl phthalate	85-68-7
Benzyl chloride		Benzyl chloride	100-44-7
Benzyl violet 4B		Benzyl violet 4B	1694-09-3
Bertzyi violei 4B		Beryllium	7440-41-7
Beryllium oxide		Beryllium oxide	1304-56-9
Beryllium sulfate		Beryllium sulfate	13510-49-1
Betanal		Phenmedipham	13684-63-4
BHA		Butylated hydroxyanisole	
		alpha-BHC	25013-16-5
alpha-BHC			319-84-6 319-85-7
peta-BHC		beta-BHC	
·		gamma-BHC (Lindane)	58-89-9
delta-BHC		delta-BHC	319-86-8
echnical-BHC		technical-BHC	608-73-1
Bidrin Bidrin	Organic		141-66-2
Biofurcina		Nitrofurazone	59-87-0
Siphenthrin		Biphenthrin 1.1 Biphend	82657-04-3
,1-Biphenyl		1,1-Biphenyl	92-52-4
l-Biphenylamine		4-Aminobiphenyt	92-67-1
Bis(4-aminophenyl)ether		4,4'-Diaminodiphenyl ether	101-80-4
dis-butyl phthalate		Dibutyl phthalate	84-74-2
Bis(2-chloroethoxy) methane		Bis(2-chloroethoxy) methane	111-91-1
Bis(2-chloroethyl) ether		Bis(2-chloroethyl) ether	111-44-4
Bis(2-chloroisopropyl) ether		Bis(2-chloroisopropyl) ether	39638-32-9
lis(chloromethyl) ether		Bis(chloromethyl) ether	542-88-1
Bis(2-chloro-1-methylethyl) ether		Bis(2-chloroisopropyt) ether	39638-32-9
Bisclofentezine	Organic		74115-24-5
is(p-(Dimethylanino)phenyl)methane		4,4'-Methylenebis(N,N-dimethyl)aniline	101-61-1
sis(2-ethylhexyl) phthalate		Di(2-ethylhexyl)phthalate	117-81-7
is-ethyl phthalate		Diethyl phthalate	84-66-2
Bis(4-hydroxyphenyl)propane	Organic	Bisphenol A	80-05-7
tis-methyl phthalate	Organic	Dimethyl phthalate	131-11-3
is-n-octyl phthalate		Di(n-octyl) phthalate	117-84-0
lis(pentabromophenyt) ether		Decabromodiphenyl ether	1163-19-5
Sisphenol A		Bisphenol A	80-05-7
livinyl		1,3-Butadiene	106-99-0
BLA .		Lead subacetate	1335-32-6
Badex		Cyanazine	21725-46-2
Nazer		Acifluorien	62476-59-9
Bolero	Organic	Thiobencarb	28249-77-6

CONSTITUENT	Category	See Listing(s) Under:	CACH
B BPBG			CAS No.
Br Br		Butylphthalyl butylglycolate Bromide	85-70-1
Bravo	Organic	Chlorothalonil	1897-45-6
Brigade	Organic	Biphenthrin	82657-04-3
Bromacil	Organic	Bromacil	314-40-9
Bromate	Inorganic		15541-45-4
Bromide	Inorganic		
Bromine Bromine	Inorganic		7726-95-6
Bromine cyanide Bromoacetic acid		Cyanogen bromide Bromoacetic acid	506-68-3
Bromobenzene	Organic	Bromobenzene	79-08-3 108-86-1
Bromochloromethane	Organic	Bromochloromethane /	74-97-5
2-Bromo-2-chloro-1,1,1-trifluoroethane	Organic	Halothane	151-67-7
Bromodichloromethane	Organic	Bromodichtoromethane /	75-27-4
p-Bromodiphenyl ether	Organic	4-Bromophenyl phenyl ether	101-55-3
Bromoethane	Organic	Ethyl bromide	74-96-4
Bromoethylene	Organic	Vinyl bromide	593-60-2
Bromoform	Organic Organic	Vinyl bromide Bromoform	593-60-2
Bromomethane	Organic	Bromomethane	75-25-2 74-83-9
4-Bromophenyl phenyl ether	Organic	4-Bromophenyl phenyl ether	101-55-3
Bromoxynil		Bromoxynil	1689-84-5
Bromoxynil octanoate	Organic	Bromoxynit octanoate	1689-99-2
BTS 40542		Prochloraz	67747-09-5
Butachlor		Butachlor	23184-66-9
1,3-Butadiene	Organic	1,3-Butadiene	106-99-0
Butane Butanedioic acid mono(2,2-dimethyl hydrazide)		Butane	106-97-8
1-Butanethiol	Organic Organic	Daminozide n-Butyl mercaplan	1596-84-5 109-79-5
Bulanex		Butachlor	23184-66-9
2-Butanol	Organic	sec-Butyl alcohol	78-92-2
n-Butanol	Organic	n-Butanol	71-36-3
sec-Butanol	Organic	sec-Butyl alcohol	78-92-2
t-Butanol	Organic	tert-Butyl alcohol	75-65-0
2-Bulanone	Organic	Methyl ethyl ketone	78-93-3
2-Butenai Butiphos		Irans-Crotonaldehyde	4170-30-3
n-Butylbenzene		Merphos oxide n-Butylbenzene	78-48-8 104-51-8
2-Butoxy ethanol		Ethylene glycol monobutyl ether	111-76-2
Butter yellow		4-Dimethylaminoazobenzene	60-11-7
n-Butyl acetate		n-Butyl acetate	123-86-4
n-Butyl acrylate		n-Butyl acrylate	141-32-2
n-Butyl alcohol		n-Butanol	71-36-3
sec-Butyl alcohol		sec-Butyl alcohol	78-92-2
tert-Butyl alcohol		tert-Butyl alcohol tert-Butyl alcohol	75-65-0 75-65-0
n-Butylamine		n-Butylamine	109-73-9
Butylate		Butylate	2008-41-5
Bulylated hydroxyanisole	Organic	Butylated hydroxyanisole	25013-16-5
n-Butyl benzyl phthalate		n-Butyl benzyl phthalate	85-68-7
Butyl glycolyl butyl phthalate		Butylphthalyl butylglycolate	85-70-1
n-Butyl lactate		n-Butyl lactate	138-22-7
n-Butyl mercaptan 2-P(butylphenoxy)-1-methylethyl-2-chtoroethyl sulfite	Organic	n-Butyl mercaptan	109-79-5 140-57-8
Butylphthalyl butylglycolate		Butylphthalyl butylglycolate	85-70-1
p-tert-Butyltoluene		p-tert-Butyttoluene	98-51-1
beta-Butyrolactone		beta-Butyrolactone	96-48-0
C Cadmium		Cadmium	7440-43-9
2-Camphanone Camphechlor		Camphor	464-49-3 8001-35-2
Camphor		Toxaphere	8001-35-2 464-49-3
Campogran		Camphor	60568-05-0
Caprolactam		Caprolactam	105-60-2
Captafol		Captafol	2425061
Captan	Organic	Captan	133-06-2
Carbaryl	Organic		63-25-2
Carbathiin		Carboxin	5234-68-4
Carboturan Carbon bisutlide	<del></del>	Carbofuran	1563-66-2 75-15-0
Carbon disutide	Inorganic Inorganic	Carbon disulfide	75-15-0 75-15-0
Carbon tetrachloride		Carbon distinge Carbon tetrachloride	56-23-5
Carbophenothion		Trithion	786-19-6
Carbosuffan		Carbosulfan	55285-14-8
Carboxin		Carboxin	5234-68-4
Carboxine	Organic	Carboxin	5234-68-4
Carboxybenzene		Benzoic adic	65-85-0
Catechol		Catechol	120-80-9
Cd		Cadmium	7440-43-9
CDEC Celphos		Sulfallate Aluminum phosphide	95-06-7 20859-73-8
To-buo	Latorganic	Lynaminian prospring	120000-10-0

		See Listing(s) Under:	CASN
Chemform	Organic	Maleic hydrazide	123-33-1
Chloral	Organic	Chloral	75-87-6
Chloral hydrate	Organic	Chloral hydrate	302-17-0
Chloramben	Organic	Chloramben	133-90-4
Chlorambucil	Organic	Chlorambucit	305-03-3
Chloramine	Inorganio	Chloramine	127-65-1
Chlorate	Inorganio	Chlorate	
Chlordan	Organic	Chlordane	57-74-9
Chlordane	Organic	Chlordane	57-74-9
Chlordecone	Organic	Kepone	143-50-0
Chlordimeform	Organic	Chlordimeform	6164-98-3
Chlorendic acid	Organic	Chlorendic acid	115-28-6
Chloride	Inorganio	Chloride ,	16887-00-6
Chlorimuron-ethyl	Organic	Chlorimuron-ethyl	90982-32-4
Chlorinated paraffins	Organic	Chlorinated paraffins	
Chlorinated benzenes	Organic	Chlorinated benzenes	68411-45-0
		Chlorobenzene	108-90-7
		1,2-Dichlorobenzene	95-50-1
		1.3-Dichlorobenzene	541-73-1
		1,4-Dichlorobenzene	106-46-7
		Dichlorobenzenes	25321-22-6
		Hexachlorobenzene	118-74-1
		Pentachlorobenzene	608-93-5
	]	1,2,4,5-Tetrachlorobenzene	95-94-3
		1,2,4-Trichlorobenzene	120-82-1
		1,3,5-Trichlorobenzene	108-70-3
_		Trichlorobenzenes	12002-48-1
Ohlorinated naphthalenes	Organic	Chlorinated naphthalenes	25586-43-0
		2-Chloronaphthalene	91587
Chlorinated paraffins	Organic	Chlorinated paraffins	
Chlorinated phenois	Organic	Chlorinated phenols	
	[ - "	4-Chloro-m-cresol	59-50-7
	ļ	4-Chloro-o-cresol	1570-64-5
		6-Chloro-m-cresol	1370-04-5
		2-Chlorophenol	95-57-8
		3-Chlorophenol	108-43-0
		4-Chlorophenol	106-48-9
	ľ	2,3-Dichlorophenol	576-24-9
	{	2.4-Dichlorophenol	120-83-2
		2,5-Dichlorophenol	583-78-8
		2,6-Dichtorophenol	87-65-0
		3,4-Dichlorophenol	95-77-2
		Pentachlorophenol	87-86-5
	i	2,3,4,6-Tetrachlorophenol	58-90-2
		2,3,5,6-Tetrachlorophenol	935-95-5
	i	2,4,5-Trichlorophenol	95-95-4
		2,4,6-Trichlorophenol	88-06-2
		Chlorinated paraffins	
Chlorinated waxes	Organic		
	Organic		
hlorine	Inorganic	Chlorine	7782-50-5
Phorine Chlorine cyanide	Inorganic Inorganic	Chlorine Cyanogen chloride	7782-50-5 506-77-4
Phorine Chlorine cyanide Chlorine dioxide	Inorganic Inorganic Inorganic	Chlorine Cyanogen chloride Chlorine dioxide	7782-50-5 506-77-4 10049-04-4
Chlorine Chlorine cyanide Chlorine dioxide Chlorite	Inorganic Inorganic Inorganic Inorganic	Chlorine Cyanogen chloride Chlorine dioxide Chlorine dioxide Chlorite	7782-50-5 506-77-4 10049-04-4 7758-19-2
Chlorine Chlorine cyanide Chlorine dioxide Chlorine dioxide Chlorite Chloroacetic acid	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Chlorine dioxide Chlorine dioxide Chlorice Chlorice	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8
Phorinaled waxes Phorine Phorine cyanide Phorine dioxide Phorite Phorite Phoroacetic acid Phoroalkyl ethers	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Chlorine dioxide Chlorite Chloracetic acid Bis(2-chloroethyl) ether	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1
Chlorine Chlorine cyanide Chlorine dioxide Chlorine dioxide Chlorite Chloroacetic acid	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Chlorine dioxide Chlorite Chloroacetic acid Bis(2-chlorostryl) ether Bis(2-chlorosopropyl) ether	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4
Chlorine Chlorine cyanide Chlorine dioxide Chlorine dioxide Chlorite Chloroacetic acid	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Chlorine dioxide Chlorite Chloroacetic acid Bis(2-chloroethyt) ether Bis(2-chloroisopropyl) ether Bis(chloromethyt) ether	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1
Chlorine Chlorine cyanide Chlorine dioxide Chlorine dioxide Chlorite Chloroacetic acid	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorite Chloroacetic acid Bis(2-chloroethyl) ether Bis(2-chloromethyl) ether Bis(chloromethyl) ether Chloroalkyl ether	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9
Chlorine Chlorine cyanide Chlorine dioxide Chlorine dioxide Chlorite Chloroacetic acid Chloroalkyl ethers	Inorganic Inorganic Inorganic Inorganic Organic Organic	Chlorine Cyanogen chloride Chlorine dioxide Chlorine dioxide Chloroacetic acid Bis(2-chloroethyt) ether Bis(2-chloroscopropyt) ether Bis(chloromethyt) ether Chloroalkyl ethers Chloromethyl methyl ether	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9
Chlorine Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloria Chloroacetic acid Chloroalkyl ethers  -Chloroallyl-diethyldithiocarbamate	Inorganic Inorganic Inorganic Inorganic Organic Organic Organic	Chlorine Cyanogen chloride Chlorine dioxide Chlorine dioxide Chloroacetic acid Bis(2-chloroethyt) ether Bis(2-chloroisopropyt) ether Bis(2-chloromethyt) ether Chloroalkyl ether Chloromethyl mether Sulfallate Sulfallate	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7
Chlorine Chlorine cyanide Chlorine dioxide Chlorite Chlorite Chloroacetic acid Chloroalkyl ethers  -Chloroaltyl-diethyldithiocarbamate -Chloroaniline	Inorganic Inorganic Inorganic Inorganic Organic Organic Organic Organic	Chlorine Cyanogen chloride Chlorine dioxide Chlorine dioxide Chloriacetic acid Bis(2-chloroethyl) ether Bis(2-chloroisopropyl) ether Bis(chloromethyl) ether Chloroalkyl ethers Chloromethyl methyl ether Sulfallate p-Chloronalline	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8
Chlorine Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroacetic acid Chloroalkyl ethers  -Chloroallyl-diethyldithiocarbamate -Chloroaniline Chlorobenzene	Inorganic Inorganic Inorganic Inorganic Organic Organic Organic Organic Organic Organic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine Chlorioacetic acid Bis(2-chloroethyl) ether Bis(2-chloroethyl) ether Bis(chloromethyl) ether Chloroaltyl ether Chloromethyl ether Sulfallate P-Chloroaniline Chloroaniline Chlorobenzene	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7
Chlorine Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroacetic acid Chloroalkyl ethers  -Chloroallyl-diethyldithiocarbamate Chloroallyl-diethyldithiocarbamate Chlorobaniline Chlorobenzene	Inorganic Inorganic Inorganic Inorganic Organic Organic Organic Organic Organic Organic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine Chlorice Chloroacetic acid Bis(2-chloroscyropyl) ether Bis(2-chloroscyropyl) ether Bis(chloromethyl) ether Chloroalkyl ethers Chloromethyl methyl ether Sulfallate p-Chloroaniline Chlorobenzene Ethyl-4,4-dichlorobenzilate	7782-50-5 506-77-4 10049-04-4 77758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6
Chlorine Chlorine cyanide Chlorine dioxide Chlorine dioxide Chlorica Chloroscetic acid Chlorosalkyl ethers  -Chloroallyl-diethyldithiocarbamate -Chloroaniline Chloroaniline Chlorobenzene Chlorobenziale Chlorobromomethane	Inorganic Inorganic Inorganic Inorganic Organic Organic Organic Organic Organic Organic Organic Organic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine Chloride Chloroacetic acid Bis(2-chloroethyl) ether Bis(2-chloroscopropyl) ether Bis(2-chloromethyl) ether Chloroalkyl ethers Chloromethyl ethers Chloromethyl methyl ether Sulfallate p-Chloroaniline Chlorobenzene Ethyl-4,4-dichlorobenzilate Bromochloromethane	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7
Chlorine Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroacetic acid Chloroalkyl ethers  -Chloroallyl-diethyldithiocarbamate -Chloroaniline Chlorobenzene Chlorobrommethane -Chlorobutadiene-1,3	Inorganic Inorganic Inorganic Inorganic Organic Organic Organic Organic Organic Organic Organic Organic Organic	Chlorine Cyanogen chloride Chlorine dioxide Chloriae Chloriae Chloroacetic acid Bis(2-chloroethyt) ether Bis(2-chlorosepropyt) ether Bis(2-chloromethyt) ether Chloroalkyt ether Chloroalkyt ether Chloroalkyt ethers Chloronethyt methyt ether Sulfallate p-Chloroaniline Chlorobenzene Ethyl-4,4'-dichlorobenxilate Bromochloromethane beta-Chloroprene	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5
Chlorine Cyanide Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroacetic acid Chloroalkyl ethers  -Chloroallyl-diethyldithiocarbamate -Chloroaniline Chlorobenzene Chlorobenziale Chlorobromomethane -Chlorobrodidene-1,3 Chlorocamphene	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine Chloriose Chloriose Chlorioselic acid Bis(2-chloroselnyl) ether Bis(2-chloroselnyl) ether Bis(chloromethyl) ether Bis(chloromethyl) ether Chloroalkyl ethers Chloroalkyl ethers Chloroantine Chloroantine Chlorobenzene Ethyl-4,4'-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39636-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5
Chlorine Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroacetic acid Chloroaltyl-diethyldithiocarbamate -Chloroaltyl-diethyldithiocarbamate -Chloroaniline Chlorobracene Chlorobromomethane -Chlorobutadiene-1,3 Chlorobromometee -Chlorobutadiene-1,3 Chlorobromometee -Chloromometee -Chloromometee -Chloromometee -Chloromometee -Chloromometee	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine Chlorine Chlorioe Chlorioe Chloroeetic acid Bis(2-chloroethyl) ether Bis(2-chloroisopropyl) ether Bis(chloromethyl) ether Chloroalkyl ethers Chloromethyl methyl ether Sulfallate p-Chloroaniline Chlorobenzene Ethyl-4,4'-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chloro-m-cresol	7782-50-5 506-77-4 10049-04-4 77758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5
Chlorine Cyanide Chlorine dioxide Chlorine dioxide Chlorine dioxide Chloroacetic acid Chloroallyl-diethyldithiocarbamate Chloroaniline Chloroaniline Chloroaniline Chlorobenzene	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chloriae Chloriae Chloroacetic acid Bis(2-chlorostyl) ether Bis(2-chlorostyl) ether Bis(2-chlorostyl) ether Chloroalityl ether Chloromethyl ether Chloromethyl methyl ether Sulfallate P-Chloroaniline Chlorobenzene Ethyl-4,4-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chloro-m-cresol 4-Chlorocresol	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39636-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5
Chlorine Cyanide Chlorine dioxide Chlorine dioxide Chlorine dioxide Chlorosetic acid Chlorosetic acid Chlorosetyl ethers  -Chlorosallyl-diethyldithiocarbamate -Chlorosalline Chlorosalline Chlorobenzene Chlorobenziale Chlorobromomethane -Chlorobromomethane -Chlorobromomethane -Chlorobromomethane -Chlorobromomethane -Chlorobromomethane -Chlorobromomethane -Chlorobromomethane -Chlorobromomethane -Chlorobromomethane	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Chlorine dioxide Chlorine dioxide Chloride Chloride Chloroacetic acid Bis(2-chlorospropyl) ether Bis(2-chlorospropyl) ether Bis(2-chloromethyl) ether Chloroalkyl ethers Chloromethyl ethers Chloromethyl methyl ether Sulfallate p-Chloroaniline Chlorobenzene Ethyl-4,4-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chlorocresol 4-Chlorocresol 6-Chlorocresol	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5
Chlorine cyanide Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroaltyl-diethyldithiocarbamate Chloroaltyl-diethyldithiocarbamate Chloroaniline Chlorobenzene Chlorobenzilate Chlorobrommethane Chlorobrommethane Chloro-m-cresol Chloro-m-cresol Chloro-m-cresol	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine Chlorioacetic acid Bis(2-chloroethyl) ether Bis(2-chlorosopropyl) ether Bis(chloromethyl) ether Chloroalkyl ethers Chloroalkyl ethers Chloroalkyl ethers Chloromethyl methyl ether Sulfallate P-Chloroaniline Chlorobenzene Ethyl-4,4'-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-m-cresol	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5
Chlorine Cyanide Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroalty-diethyldithiocarbamate Chloroaltyl-diethyldithiocarbamate Chloroaltine Chloroaltine Chlorobenzene Chlorobenziale Chlorobenzene Chlorobenzene Chloro-cresol Chloro-cresol Chloro-cresol Chloro-cresol	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine Chlorioe Chlorioe Chlorioe Chloroethyl) ether Bis(2-chloroisopropyl) ether Bis(2-chloroisopropyl) ether Bis(chloromethyl) ether Chloroaltyl ethers Chloromethyl methyl ether Sulfallate p-Chloroaniline Chlorobenzene Ethyl-4,4'-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-m-cresol	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5
Chlorine Cyanide Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroacetic acid Chloroallyt-diethyldithiocarbamate -Chloroaniline Chloroaniline Chlorobrane Chloro-cresol Chloro-cresol Chloro-m-cresol Chloro-m-cresol Chloro-cresol	Inorganic Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine dioxide Chloroacetic acid Bis(2-chloroethyl) ether Bis(2-chloroisopropyl) ether Bis(2-chloroisopropyl) ether Chloroalkyl ethers Chloromethyl methyl ether Sulfallate p-Chloroaniline Chlorobenzene Ethyl-4,4'-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-o-cresol 4-Chloro-o-cresol 4-Chloro-o-cresol 4-Chloro-o-cresol 4-Chloro-o-cresol 4-Chloro-o-cresol	7782-50-5 506-77-4 10049-04-4 77758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5 59-50-7 1570-64-5
Chlorine cyanide chlorine cyanide chlorine dioxide chlorine dioxide chlorine dioxide chloroscetic acid chloroscetic acid chlorosallyl-diethyldithiocarbamate chlorosalline chlorobenzene chlorocamphene c	Inorganic Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine Chloriae Chloroacetic acid Bis(2-chlorostyl) ether Bis(2-chlorostyl) ether Bis(2-chlorostyl) ether Bis(2-chloromethyl) ether Chloroalkyl ethers Chloromethyl methyl ether Chloroalkyl ethers Chloromethyl methyl ether Sulfallate P-Chloroaniline Chlorobenzene Ethyl-4,4-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-cresol 4-Chloro-cresol 4-Chloro-o-phenylenediamine Dibromochloromethane	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 1111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5 59-50-7 1570-64-5 95-83-0 124-48-1
Chlorine cyanide Chlorine dioxide Chlorine dioxide Chlorine dioxide Chlorosacetic acid Chlorosalkyl ethers  -Chloroalkyl-diethyldithiocarbamate -Chloroaniline Chloroaniline Chlorobenzene Chlorobenziale Chlorobromomethane -Chlorobutadiene-1,3 Chlorobromomethane -Chloro-m-cresol -Chloro-m-cresol -Chloro-m-cresol -Chloro-m-cresol -Chloro-m-cresol -Chloro-diaminobenzene Chlorodibromomethane -Chloro-3,4-diaminobenzene Chloro-2,3-epoxypropane	Inorganic Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Chlorine dioxide Chlorine dioxide Chlorine dioxide Chloride Chloroacetic acid Bis(2-chlorospropyl) ether Bis(2-chlorospropyl) ether Bis(2-chloromethyl) ether Chloroalkyl ethers Chloromethyl ether Chloroalkyl ethers Chloromethyl methyl ether Sulfallate p-Chloroaniline Chlorobenzene Ethyl-4,4-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chlorocresol 4-Chlorocresol 4-Chlorocresol 4-Chlorocresol 4-Chlorocresol 4-Chlorocresol 4-Chlorocresol 4-Chloro	7782-50-5 506-77-4 10049-04-4 17758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5 95-83-0 124-48-1 106-89-8
Chlorine cyanide Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroalty-diethyldithiocarbamate Chloroaltyl-diethyldithiocarbamate Chloroaltine Chloroaltine Chlorobenzine Chlorobenzine Chlorobenzine Chlorobenzine Chloro-cresol Chloro-cresol Chloro-cresol Chloro-d-cresol Chloro-3,4-diaminobenzene Morodibromomethane Chloro-3,4-diaminobenzene Chloro-3,3-epoxypropane Chloro-2,3-epoxypropane Chloro-2,3-epoxypropane	Inorganic Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine Chloriae Chloroacetic acid Bis(2-chloroethyt) ether Bis(2-chlorosopropyl) ether Bis(2-chloromethyt) ether Chloroalkyt ethers Chloromethyt methyt ether Chloroalkyt ethers Chloromethyt methyt ether Sulfallate P-Chloroaniline Chlorobenzene Ethyt-4,4-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-cresol 4-Chloro-cresol 4-Chloro-o-phenylenediamine Dibromochloromethane	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 1111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5 59-50-7 1570-64-5 95-83-0 124-48-1
Chlorine cyanide Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroalty-diethyldithiocarbamate Chloroaltyl-diethyldithiocarbamate Chloroaltine Chloroaltine Chlorobenzine Chlorobenzine Chlorobenzine Chlorobenzine Chloro-cresol Chloro-cresol Chloro-cresol Chloro-d-cresol Chloro-3,4-diaminobenzene Morodibromomethane Chloro-3,4-diaminobenzene Chloro-3,3-epoxypropane Chloro-2,3-epoxypropane Chloro-2,3-epoxypropane	Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Chlorine dioxide Chlorine dioxide Chlorine dioxide Chloride Chloroacetic acid Bis(2-chlorospropyl) ether Bis(2-chlorospropyl) ether Bis(2-chloromethyl) ether Chloroalkyl ethers Chloromethyl ether Chloroalkyl ethers Chloromethyl methyl ether Sulfallate p-Chloroaniline Chlorobenzene Ethyl-4,4-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chlorocresol 4-Chlorocresol 4-Chlorocresol 4-Chlorocresol 4-Chlorocresol 4-Chlorocresol 4-Chlorocresol 4-Chloro	7782-50-5 506-77-4 10049-04-4 17758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5 95-83-0 124-48-1 106-89-8
Chlorine cyanide Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroacetic acid Chloroallyt-diethyldithiocarbamate Chloroallyt-diethyldithiocarbamate Chloroalline Chlorobraniline Chlorobraniline Chlorobromomethane Chlorobutadiene-1,3 Chloro-cresol Chloro-mcresol Chloro-mcresol Chloro-mcresol Chloro-mcresol Chloro-cresol	Inorganic Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine Chloriosettic acid Bis(2-chloroethyl) ether Bis(2-chloroisopropyl) ether Bis(2-chloroisopropyl) ether Bis(chloromethyl) ether Chloromethyl ether Chloromethyl methyl ether Sulfailate P-Chloroaniline Chlorobenzene Ethyl-4,4'-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-cresol 4-Chloro-cresol 4-Chloro-o-phenylenediamine Dibromochloromethane Epichlorohydrin Chloroethane	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5 95-83-0 124-48-1 106-89-8 75-00-3
Chlorine cyanide Chlorine cyanide Chlorine dioxide Chlorine dioxide Chloroalty-diethyldithiocarbamate Chloroalty-diethyldithiocarbamate Chloroaltine Chloroaltine Chloroaltine Chlorobuladene Chlorobuladene Chlorobuladene Chloro-cresol Chloro-cresol Chloro-mcresol Chloro-mcresol Chloro-cresol Chloro-cresol Chloro-cresol Chloro-3,4-diaminobenzene Norodibromomethane Chloro-2,3-epoxypropane Norodethane Noroethane Noroethylaminobenzeneacetate	Inorganic Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine dioxide Chlorioacetic acid Bis(2-chloroethyl) ether Bis(2-chloroisopropyl) ether Bis(2-chlorosthyl) ether Chloroalkyl ether Chloromethyl methyl ether Sulfailate p-Chloronniline Chlorobenzene Ethyl-4,4'-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chloro-cresol 4-Chloro-cresol 4-Chloro-m-cresol 4-Chloro-cresol 4-Chloro-cresol 4-Chloro-cresol 4-Chloro-cresol 5-Chloro-cresol 4-Chloro-cresol 5-Chloro-cresol 6-Chloro-cresol 6-Chloro-cresol 7-Chloro-cresol 6-Chloro-cresol 7-Chloro-cresol	7782-50-5 506-77-4 10049-04-4 77758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5 95-83-0 124-48-1 106-89-8 75-00-3 75-01-4
Chlorine cyanide Chlorine dioxide Chlorine dioxide Chlorine dioxide Chlorosacetic acid Chlorosalkyl ethers  -Chloroalkyl-diethyldithiocarbamate -Chloroaniline Chloroaniline Chlorobenzene Chlorobenziale Chlorobromomethane -Chlorobutadiene-1,3 Chlorobromomethane -Chloro-m-cresol -Chloro-m-cresol -Chloro-m-cresol -Chloro-m-cresol -Chloro-m-cresol -Chloro-diaminobenzene Chlorodibromomethane -Chloro-3,4-diaminobenzene Chloro-2,3-epoxypropane	Inorganic Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine dioxide Chloriacetic acid Bis(2-chlorostyl) ether Bis(2-chlorostyl) ether Bis(2-chlorostyl) ether Bis(2-chlorostyl) ether Chloroalityl ether Chloromethyl methyl ether Chloromethyl methyl ether Sulfallate P-Chloroaniline Chlorobenzene Ethyl-4,4-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-cresol 4-Chloro-o-phenylenediamine Dibromochloromethane Epichlorohydrin Chloroethane Epichlorohydrin Chloroethane Vinyl chloride Phenesterin	7782-50-5 506-77-4 10049-04-4 77758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5 95-83-0 124-48-1 106-89-8 75-00-3 75-01-4 3546109
Chlorine cyanide Chlorine cyanide Chlorine dioxide Chlorine dioxide Chlorine dioxide Chloroacetic acid Chloroallyt-diethyldithiocarbamate Chloroaniline Chloroaniline Chloroaniline Chloroburiziate Chloro-mcresol Chloro-mcresol Chloro-cresol Chloro-cresol Chloroburiziate Chloroburiziate Noroethane Noroethane Noroethene Noroethylene	Inorganic Inorganic Inorganic Inorganic Inorganic Organic	Chlorine Cyanogen chloride Cyanogen chloride Chlorine dioxide Chlorine Chloriae Chloroacetic acid Bis(2-chlorospyl) ether Bis(2-chlorospyl) ether Bis(2-chlorospyl) ether Bis(2-chloromethyl) ether Chloroalkyl ethers Chloromethyl methyl ether Sulfallate P-Chloroaniline Chlorobenzene Ethyl-4,4-dichlorobenzilate Bromochloromethane beta-Chloroprene Toxaphene 4-Chloro-m-cresol 4-Chloro-m-cresol 4-Chloro-cresol 4-Chloro-o-phenylenediamine Dibromochloromethane Epichlorohydrin Chloroethane Spichlorothydrin Chloroethane Vinyl chloride Phenesterin Vinyl chloride	7782-50-5 506-77-4 10049-04-4 7758-19-2 79-11-8 111-91-1 111-44-4 39638-32-9 107-30-2 95-06-7 106-47-8 108-90-7 510-15-6 74-97-5 8001-35-2 59-50-7 1570-64-5 95-83-0 124-48-1 106-89-8 75-00-3 75-01-4 3546109 75-01-4

CONSTITUENT		See Listing(s) Under:	CASN
I-Chloroisobutene	Organic	Dimethylvinylchloride	513-37-1
3-Chloroisobutylene	Organic	3-Chloro-2-methylpropene	563-47-3
Chloromethane	Organic	Chloromethane	74-87-3
Chloromethoxymethane	Organic	Chloromethyl methyl ether	107-30-2
Chloromethyl ether	Organic	Bis(chloromethyl) ether	542-88-1
Chloromethyl methyl ether	Organic	Chloromethyl methyl ether	107-30-2
I-Chloro-2-methylphenol		4-Chloro-o-cresol	1570-64-5
1-Chloro-3-methylphenol	Organic	4-Chloro-m-cresol	59-50-7
6-Chloro-3-methylphenol	Organic	6-Chloro-m-cresol	39-30-7
1-Chloro-2-methylpropene		Dimethylvinylchloride	513-37-1
3-Chloro-2-methylpropene		3-Chloro-2-methylpropene	563-47-3
2-Chloronaphthalene	Organic	2-Chloronaphthalene	91587
peta-Chloronaphthalene	Organic	2-Chloronaphthalene	91587
2-Chlorophenol	Organic	2-Chiorophenol	95-57-8
3-Chlorophenol	Organic	3-Chlorophenol	108-43-0
1-Chlorophenol		4-Chlorophenol	106-48-9
m-Chlorophenol	Organic		108-43-0
o-Chlorophenol	Organic	2-Chlorophenol	95-57-8
p-Chlorophenol		4-Chlorophenol	106-48-9
1-Chloro-o-phenylenediamine	Organic	4-Chloro-o-phenylenediamine	95-83-0
Chlorophenylmethane	Organic	Benzyl chloride	100-44-7
Chloropicrin	Organic	Chloropicrin	76-06-2
peta-Chloroprene	Organic	beta-Chloroprene	
3-Chloropropene	Organic	3-Chloropropene	107-05-1
Chloropropylene		Epichlorohydrin	106-89-8
Chlorothalonil	Organic	Chlorothalonil	1897-45-6
2-Chlorotoluene		2-Chlorotoluene	
			95-49-8
4-Chlorotoluene	Organic	4-Chlorotoluene	106-43-4
alpha-Chlorotoluene		Benzyl chloride	100-44-7
o-Chlorotoluene		2-Chlorotoluene	95-49-8
p-Chlorotoluene	Organic	4-Chlorotoluene	106-43-4
p-Chloro-o-toluidine	Organic	p-Chloro-o-toluidine	95-69-2
Chlorozotocin	Organic	Chlorozotocin	54749-90-5
Chlorpropham	Organic	Chlorpropham	101-21-3
Chlorpyrifos	Organic	Chlorpyrifos	2921-88-2
Chlorsulfuron	Organic	Chlorsulfuron	64902-72-3
Chromium (III)			16065-83-
	Inorganic	Chromium (III)	
Chromium (VI)	Inorganic	Chromium (VI)	7440-47-3
Chromium, hexavalent	Inorganic	Chromium (VI)	7440-47-3
Chromium (total)	Inorganic	Chromium (total)	7440-47-3
Chromium, trivalent	Inorganic	Chromium (III)	16065-83-1
Chrysanthemumic acid	Organic	Dimethrin	70-38-2
Chrysazin	Organic	Dantron	117-10-2
Chrysene	Organic	Chrysene	218-01-9
C. I. Basic Red 9 monohydrochloride	Organic	C. I. Basic Red 9 monohydrochloride	569-61-9
C.I. disperse orange 11	Organic	1-Amino-2-methylanthraquinone	82-28-0
Cinnamyl anthranilate	Organic	Cinnamyl anthranilate	87-29-6
CIPC	Organic	Chlorpropham	101-21-3
Cr			
	Inorganic		16887-00-6
Cl <sub>3</sub>	Inorganic		7782-50-5
CIO,		Chlorine dioxide	10049-04-4
CIO <sup>3</sup> .	Inorganic		7758-19-2
CIO3.	Inorganic		
CIO,	Inorganic	Perchlorate	
Clofentezine	Organic		74115-24-5
CMME	Organic	Chloromethyl methyl ether	107-30-2
CN'	Inorganic		57-12-5
Co	Inorganic		7440-48-4
Cobalt	Inorganic		7440-48-4
<del></del>			77501-63-4
Cobra		Lactofen	1//501-63-4
Color	Inorganic		
Conductivity		Specific conductance (EC)	
Contraven		Terbufos	13071-79-9
Copper	Inorganio	Copper	7440-50-8
Copper cyanide		Copper cyanide	544-92-3
Corrosivity		Corrosivity	
Cotoron		Fluometuron	2164-17-2
Cottonex		Fluometuron	2164-17-2
			81-81-2
Coumadin		Warfarin	
Coumalen		Warfarin	81-81-2
Counter	Organic	Terbufos	13071-79-9
Coxistal	Organic		59-87-0
Cr Cr		Chromium (total)	7440-47-3
Or (III)		Chromium (III)	16065-83-
Cr (VI)		Chromium (VI)	7440-47-3
			120-71-8
-Cresidine		p-Cresidine	
n-Cresol		m-Cresol	108-39-4
	Overnic	o-Cresol	95-48-7
p-Cresol ·			
p-Cresol ·		p-Cresol	106-44-5
	Organic		106-44-5 1912-24-9

CONSTITUENT	Categor	See Listing(s) Under:	CAS No.
C Crotaline		Monocrotaline	
trans-Crotonaldehyde	Organic	**************************************	315-22-0 4170-30-3
CS <sub>7</sub>	Inorganio		75-15-0
Cu	Inorganio		7440-50-8
Cumene	Organic		98-82-8
Cuplerron	Organic	<u> </u>	135-20-6
Cuprous cyanide		Copper cyanide Copper cyanide	544-92-3
Cutlass	Organic		544-92-3 56425-91-3
Cyanazine		Cyanazine	21725-46-2
Cyanide	Inorganio	Cyanide .	57-12-5
Cyanide, copper		Copper cyanide	544-92-3
Cyanide, potassium		Potassium cyanide :	151-50-8
Cyanide, silver	Inorganio		506-64-9
Cyanide, sodium Cyanide, zinc		Sodium cyanide Zinc cyanide	143-33-9
Cyanoethylene	Organic		557-21-1 107-13-1
Cyanogen	Organic		460-19-5
Cyanogen bromide		Cyanogen bromide	506-68-3
Cyanogen chloride		Cyanogen chloride	506-77-4
Cyanomethane	Organic	\$	75-05-8
2-Cyanopropene	Organic		126-98-7
Cyclohexane Cyclohexanol	Organic Organic		110-82-7
Cyclohexanore	Organic		108-93-0
Cyclohexene	Organic		110-83-8
Cyclohexylamine	Organic	+	108-91-8
Cyclonite	Organic		121-82-4
Cyclopentadiene	Organic		542-92-7
Cyclophosphamide Cyclotetramethylene tetranitramine	Organic Organic		50-18-0
Cyclotetrametriylene tetranitramine Cyfluthrin	Organic	· · · · · · · · · · · · · · · · · · ·	2691-41-0
Cygon	Organic		68359-37-5 60-51-5
Cyhalothrin	Organic		68085-85-8
Cypermethrin	Organic	Cypermethrin	52315-07-8
Cyromazine	Organic	<del>                                     </del>	66215-27-8
Cythion	Organic	Malathion	121-75-5
D 2.4-D	Organic	240	10.753
Dacarbazine	Organic		94-75-7
Daconil	Organic	† ·····	1897-45-6
Dacthal (DCPA)	Organic		1861-32-1
Dactinomycin	Organic		50-76-0
Dalapon	Organic		75-99-0
Daminozide Danitol	Organic		1596-84-5
Dantron	Organic Organic		39515-41-8 117-10-2
Dazide	Organic	Daminozide	1596-84-5
DBCP	Organic	Dibromochloropropane (DBCP)	96-12-8
DBDPE	Organic		1163-19-5
DBNA	Organic		924-16-3
2,4-D butyric acid	Organic		94-82-6
1,1-DCA 1,2-DCA		1,1-Dichloroethane 1,2-Dichloroethane	75-34-3 107-06-2
DCB		3,3'-Dichlorobenzidine	91-94-1
o-DCB		1,2-Dichlorobenzene	95-50-1
p-DCB	Organic		106-46-7
1,1-DCE	Organic	1,1-Dichloroethylene	75-35-4
cis-1,2-OCE	Organic	<del> </del>	156-59-2
trans-1,2-DCE	Organic		156-60-5
DCPA D&C Red No. 5	Organic	Dacthal (DCPA) Ponceau MC	1861-32-1
D&C Red No. 9	Organic	<del></del>	3761-53-3 2092-56-0
D-D Mixture	Organic	<del> </del>	78-87-5
		1,3-Dichloropropene	542-75-6
DOD	Organic	DDD	72-54-8
4,4'-000	Organic		72-54-8
DDE	Organic		72-55-9
4.4'-DDE	Organic Organic		72-55-9 50-29-3
4.4'-DOT	Organic		50-29-3
DDVP	Organic	Dichlorvos	62-73-7
DEA	Organic	Diethanolamine	111-42-2
Decabromodiphenyl ether	Organic	Decabromodiphenyl ether	1163-19-5
Dechlorane	Organic		2385-85-5
De-Fend	Organic	Dimethoate	60-51-5
DEHP		Di(2-ethylhexyl)phthalate	117-81-7
Demeton DEN	Organic	Demeton N-Nitrosodiethylamine	8065-48-3
Dermofural		N-Nitrosocietnylamine Nitrofurazone	55-18-5 59-87-0
DES		Diethylstilbestrol	56-53-1
		terment of the first of the second of the se	1:555

CONSTITUENT	Category	See Listing(s) Under:	CAS No
evrinol	Organic	Napropamide	15299-99-7
GRE		Diglycidyt resorcinol ether	101-90-6
hacetone alcohol		Diacetone alcohol	123-42-2
ialon	Organic		330-54-1
namine		Hydrazine	
,4-Diaminoanisole		2,4-Diaminoanisole	302-01-2
4-Diaminoanisole sulfate			615-05-4
		2,4-Diaminoanisole sulfate	39156-41-7
3-Diaminobenzene		m-Phenylenediamine	108-45-2
4'-Diaminodiphenyl ether	Organic	4,4'-Diaminodiphenyl ether	101-80-4
-Diaminodiphenyl	Organic	Benzidine	92-87-5
,2-Diaminoethane	Organic	Ethylenediamine	107-15-3
,6-Diamino-3-phenylazopyridine		Phenazopyridine	94-78-0
.6-Diamino-3-phenylazopyridine hydrochloride		Phenazopyridine hydrochloride	
4-Diaminotoluene		2,4-Diaminotoluene	136-40-3
			95-80-7
-Dianisidine dihydrochloride		3.3'-Dimethoxybenzidine hydrochloride	20325-40-0
-Dianisidine		3,3'-Dimethoxybenzidine	119-90-4
liazine blue		Direct Blue 6	2602-46-2
iazinon	Organic	Diazinon	333-41-5
iazobenzene	Organic	Azathioprine	446-86-6
libenz(a,h)acridine		Dibenz(a,h)acridine	226-36-8
libenz(a,j)acridine		Dibenz(a,j)acridine	224-42-0
2;5,6-Dibenzanthracene		Dibenz(a,h)anthracene	
			53-70-3
ibenz(a,h)anthracene		Dibenz(a,h)anthracene	53-70-3
ibenzo(a,h)anthracene		Dibenz(a,h)anthracene	53-70-3
H-Dibenzo(c,g)carbazole		7H-Dibenzo(c,g)carbazole	194-59-2
ibenzo(a,e)pyrene	Organic	Dibenzo(a,e)pyrene	192-65-4
libenzo(a,h)pyrene		Dibenzo(a,h)pyrene	189-64-0
libenzo(a,i)pyrene		Dibenzo(a,i)pyrene	189-55-9
ibenzo(a,l)pyrene		Dibenzo(a,l)pyrene	191-30-0
ibenzyline hydrochloride			
	Organic	Phenoxybenzamine hydrochloride	63-92-3
ibrom	Organic	Naled	300-76-5
ibromoacetic acid		Dibromoacelic acid	
ibromoacetonitrile	Organic	Dibromoacetonitrile	3252-43-5
,4-Dibromobenzene	Organic	1,4-Dibromobenzene	106-37-6
hibromochloromethane	Organic	Dibromochloromethane	124-48-1
libromochloropropane (DBCP)	Organic	Dibromochloropropane (DBCP)	96-12-8
,2-Dibromo-3-chloropropane		Dibromochloropropane (DBCP)	96-12-8
,6-Dibromo-4-cyanophenol		Bromoxynil	1689-84-5
,2-Dibromoethane		1,2-Dibromoethane	106-93-4
,5-Dibromo-4-hydroxybenzonitrile		Bromoxynil	1689-84-5
ibutyInitrosamine		N-Nitrosodi-n-butylamine	924-16-3
ibulyl phthalate		Dibutyl phthalate	84-74-2
i-n-bulylphthalate	Organic	Dibutyl phthalate	84-74-2
licamba	Organic	Dicamba	1918-00-9
ichloroacetic acid	Organic	Dichloroacetic acid	79-43-6
ichloroacetonitrile		Dichloroacetonitrile	3018-12-0
2-Dichlorobenzene		1,2-Dichlorobenzene	95-50-1
3-Dichlorobenzene			541-73-1
		1,3-Dichlorobenzene	
.4-Dichlorobenzene		1,4-Dichlorobenzene	106-46-7
-Dichlorobenzene		1,3-Dichlorobenzene	541-73-1
-Dichlorobenzene	Organic	1,2-Dichlorobenzene	95-50-1
-Dichlorobenzene	Organic	1,4-Dichlorobenzene	106-46-7
ichlorobenzenes	Organic	1,2-Dichlorobenzene	95-50-1
		1,3-Dichlorobenzene	541-73-1
		1,4-Dichlorobenzene	106-46-7
		Dichlorobenzenes	25321-22-6
2! Dishlambanidina			
3'-Dichlorobenzidine		3,3'-Dichlorobenzidine	91-94-1
ichlorobromomethane		Bromodichloromethane	75-27-4
,1-Dichloro-2,2-bis(p-chlorophenyl)ethane	Organic		72-54-8
2'-Dichlorodiethyl ether	Organic	Bis(2-chloroethyl) ether	111-44-4
ichlorodiethyl formal	Organic	Bis(2-chloroethoxy) methane	111-91-1
ichlorodifluoromethane		Dichlorodifluoromethane	75-71-8
ichlorodimethyl ether		Bis(chloromethyl) ether	542-88-1
ichlorodimethylvinylphosphate		Dichloryos	62-73-7
			72-54-8
ichlorodiphenyldichloroethane	Organic		
ichlorodiphenyldichloroethylene	Organic		72-55-9
ichlorodiphenyltrichloroethane	Organic		50-29-3
1-Dichlorgethane	Organic	1,1-Dichloroethane	75-34-3
2-Dichlorgethane		1,2-Dichloroethane	107-06-2
1-Dichlorgethene		1,1-Dichloroethylene	75-35-4
			156-59-2
s-1,2-Dichloroethene		cis-1,2-Dichloroethylene	
ans-1,2-Dichloroethene		trans-1,2-Dichloroethylene	156-60-5
ichloroethenes	Organic	1,1-Dichloroethylene	75-35-4
	Į	cis-1,2-Dichloroethylene	156-59-2
	1	trans-1,2-Dichloroethylene	156-60-5
	1 .	Dichloroethylenes	
ichloroethyl formal	Organic	Bis(2-chloroethoxy) methane	111-91-1
		1,1-Dichloroethylene	75-35-4
		T. CHARACTURETTY BUILD	113-33-4
,1-Dichtoroethylene s-1,2-Dichtoroethylene		cis-1,2-Dichloroethylene	156-59-2

CONSTITUENT		See Listing(s) Under:	CASN
Dichloroethylenes	Organic	1,1-Dichloroethylene	75-35-4
	1	cis-1,2-Dichloroethylene	156-59-2
	1	trans-1,2-Dichloroethylene	156-60-5
		Dichloroethylenes	
symmetical-Dichloroethyl ether	Organic	Bis(2-chloroethyl) ether	111-44-4
Dichloromethane		Dichloromethane	75-09-2
2,4-Dichloro-1-(4-nitrophenoxy)benzene		Nitrofen	1836-75-5
2,3-Dichlorophenol		2,3-Dichlorophenol	576-24-9
2,4-Dichlorophenol		2,4-Dichlorophenol	
2,5-Dichlorophenol		2,5-Dichlorophenol	120-83-2
			583-78-8
2,6-Dichlorophenol		2.6-Dichlorophenol	87-65-0
3,4-Dichlorophenol		3,4-Dichlorophenol	95-77-2
2.4-Dichlorophenoxyacetic acid	Organic		94-75-7
4-(2,4-Dichlorophenoxy)butyric acid		4-{2,4-Dichlorophenoxy)butyric acid	94-82-6
1,2-Dichloropropane	Organic	1.2-Dichtoropropane	78-87-5
Dichloropropanes	Organic	1,2-Dichloropropane	78-87-5
		Dichloropropanes	26638-19-7
1,3-Dichloropropene	Organic	1,3-Dichloropropene	542-75-6
Dichloropropenes	Organic		542-75-6
bicinoropropenes	Organic		342-73-6
0.00	1 -	Dichloropropenes	<del> </del>
2.2-Dichloropropionic acid	Organic	Dalapon	75-99-0
1.3-Dichloropropylene	Organic	1,3-Dichloropropene	542-75-6
Dichlorvos	Organic		62-73-7
Dicrotophos	Organic	Bidrin	141-66-2
Dieldrin	Organic	Dieldrin	60-57-1
Diesel Oil	Organic	<del></del> _	68476-34-6
Diethanolamine	Organic		111-42-2
Diethanotnitrosamine	Organic	N-Nitrosodiethanolamine	1116-54-7
Diethion			
	Organic		563-12-2
Diethylamine	Organic	Diethylamine	109-89-7
Diethyldithiocarbamate, sodium	Organic		148-18-5
Diethylene ether	Organic		123-91-1
Di(2-ethylhexyl) adipate		Di(2-ethylhexyl) adipate	103-23-1
Di(2-ethylhexyl)phthalate	Organic	Di(2-ethylhexyl)phthalate	117-81-7
Diethyl ketone	Organic	Diethyl ketone .	96-22-0
Diethylnitrosamine		N-Nitrosodiethylamine	55-18-5
Diethyl phthalate		Diethyl phthalate	84-66-2
Diethylstilbestrol		Diethylstilbestrol	56-53-1
Diethyl sulfate		Diethyl sulfate	
			64-67-5
Difenzoquat	Organic		43222-48-6
Diflubenzuron	<del></del>	Diflubenzuron	35367-38-5
Difluorodichloromethane		Dichlorodifluoromethane	75-71-8
Difolatan	Organic	Captafol	2425061
Difonate	Organic	Fonofos	944-22-9
Diglycidyl resprcinol ether	Organic	Diglycidyl resorcinol ether	101-90-6
1,2-Dihydroacenaphthylene	Organic	Acenaphthene	83-32-9
Dihydrosafrole		Dihydrosafrole	94-58-6
,8-Dihydroxyanthraquinone	Organic	Dantron	117-10-2
Disobutyl ketone			
<del></del>		Diisobutyl ketone	108-83-8
Diisocyanatotoluene		Toluene diisocyanate	26471-62-5
Diisopropylamine		Diisopropylamine	108-18-9
Di-isopropyl ether		Isopropyl ether	108-20-3
Diisopropyl methyl phosphonate		Diisopropyl methyl phosphonate	1445-75-6
.4:5,8-Dimethanonaphthalene	Organic	Aldrin	309-00-2
Dimethipin	Organic	Dimethipin	55290-64-7
Dimethoate	Organic	Dimethoate	60-51-5
.3'-Dimethoxybenzidine	Organic	3,3'-Dimethoxybenzidine	119-90-4
.3'-Dimethoxybenzidine hydrochloride		3,3'-Dimethoxybenzidine hydrochloride	20325-40-0
Dimethrin	Organic	Dimethrin	70-38-2
Dimethylamine		Dimethylamine	124-40-3
-Dimethylaminoazobenzene		4-Dimethylaminoazobenzene	60-11-7
,4-Dimethylaminobenzo-phenonimide	Organic	Auramine 33	492-80-8
rans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazole	Organic	trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazole	55738-54-0
,4-Dimethylaniline		2,4-Xylidine	1300-73-8
.6-Dimethylaniline		2,6-Xylidine	87-62-7
I,N-Dimethylaniline		N,N-Dimethylaniline	121-69-7
,12-Dimethylbenz(a)anthracene			
		7,12-Dimethylbenz(a)anthracene	57-97-6
,3'-Dimethylbenzidine	Organic	3,3'-Dimethylbenzidine	119-93-7
,3'-Dimethylbenzidine dihydrochloride		3,3'-Dimethylbenzidine dihydrochloride	612-82-8
,4-Dimethylbenzylester		Dimethrin	70-38-2
imethylcarbamoyl chlorida	Organic	Dimethylcarbamoyl chloride	79-44-7
imethylcarbamyl chloride		Dimethylcarbamoyl chloride	79-44-7
I,N-Dimethylformamide	·	N,N-Dimethylformamide	68-12-2
,6-Dimethyl-4-heptanone		Diisobutyl ketone	108-83-8
,1-Dimethylhydrazine			
		1,1-Dimethylhydrazine	57-14-7
,2-Dimethylhydrazine		1,2-Dimethylhydrazine	540-73-8
ymmetrical-Dimethylhydrazine	Organic	1,2-Dimethylhydrazine	540-73-8
nsymmetrical-Dimethylhydrazine		1,1-Dimethylhydrazine	57-14-7
		1,1-Dimethylhydrazine Acelone	57-14-7 67-64-1

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
2.4-Dimethylphenol	Organic	2,4-Dimethylphenol	105-67-9
2,6-Dimethylphenol	Organic	2,6-Dimethylphenol	576-26-1
3,4-Dimethylphenol	Organic	3,4-Dimethylphenol	95-65-8
Dimethyl phthalate		Dimethyl phthalate	131-11-3
Dimethyl p-phthalate	Organic	Dimethyl terephthalate	120-61-6
Dimethyl sulfate	Organic	Dimethyl sulfate	77-78-1
Dimethyl terephthalate	Organic	Dimethyl terephthalate	120-61-6
Dimethylvinylchloride	Organic	Dimethylvinylchloride	513-37-1
DIMP	Organic	Diisopropyl methyl phosphonate	1445-75-6
1,3-Dinitrobenzene	Organic	1,3-Dinitrobenzene	99-65-0
m-Dinitrobenzene	Organic	1,3-Dinitrobenzene	99-65-0
4,6-Dinitro-o-cresol	Organic	4,6-Dinitro-o-cresol	534-52-1
4,6-Dinitro-o-cyclohexyl phenol	Organic	4,6-Dinitro-o-cyclohexyl phenol .	131-89-5
4,6-Dinitro-2-methylphenol	Organic	4.6-Dinitro-o-cresol	
2.4-Dinitrophenol	Organic		534-52-1 51-28-5
Dinitrophenols	Organic	4,6-Dinitro-o-cresol	534-52-1
- · · · · · · · · · · · · · · · · · · ·	J. J. J.	4.6-Dinitro-o-cyclohexyl phenol	131-89-5
		2,4-Dinitrophenol	51-28-5
	ĺ	Dinitrophenols	25550-58-7
1,6-Dinitropyrene	Organic	1,6-Dinitropyrene	42397-64-8
1.8-Dinitropyrene	Organic	1,8-Dinitropyrene	
2,4-Dinitrotoluene	Organic	2,4-Dinitrotoluene	42397-65-9
2,6-Dinitrotoluene	Organic	2,6-Dinitrotoluene	121-14-2
Dinitrotoluenes	Organic	2,4-Dinitrotoluene	606-20-2
Summarous mad	Organic	2,6-Dinitrotoluene	121-14-2
	1	2,6-Dinitrotoluene Dinitrotoluenes	606-20-2
Dinoseb	0-5		25321-14-6
	Organic	Dinoseb	88-85-7
Di(n-octyl) phthalate	Organic	Di(n-octyl) phthalate	117-84-0
p-Dioxane	·	1,4-Dioxane	123-91-1
· . — ·	Organic	1,4-Dioxane	123-91-1
Dioxin	Organic	2,3,7,8-TCDD (Dioxin)	1746-01-6
DIPE	Organic	Isopropyl ether	108-20-3
Diphenamid(e)	Organic	Diphenamid(e)	957-51-7
Diphenamide	Organic	Diphenamid(e)	957-51-7
Diphenyl	Organic	1,1-Biphenyl	92-52-4
Diphenylamine	Organic	Diphenylamine	122-39-4
Diphenyldiazene	Organic	Azalhioprine	446-86-6
Diphenyldiimide	Organic	Azathioprine	446-86-6
Diphenyldiimide	Organic	Azobenzene	103-33-3
Diphenyl ether	Organic	Phenyl ether	101-84-8
1,2-Diphenylhydrazine	Organic	1,2-Diphenylhydrazine	122-66-7
Diphenylnitrosamine	Organic	N-Nitrosodiphenylarnine	86-30-6
	<u> </u>	p-Nitrosodiphenylamine	156-10-5
Dipropylnitrosamine	Organic	N-Nitrosodipropylamine	621-64-7
Dipterex	Organic	Trichlorfon	52-68-6
Diquat	Organic		85-00-7
Direct Black 38	Organic		1937-37-7
Direct Blue 6		Direct Blue 6	2602-46-2
Direct Brown 95	<del></del>	Direct Brown 95	16071-86-6
Direct Brown BR		m-Phenylenediamine	108-45-2
Direct Brown GG		m-Phenylenediamine	108-45-2
Diridone		Phenazopyridine	94-78-0
Disperse Blue 1		Disperse Blue 1	2475-45-8
Dissolved Oxygen		Oxygen, dissolved	7782447
Disulfoton		Disyston	298-04-4
Disyston		Disyston	298-04-4
Dithane M-22	Organic		12427-38-2
Dithane Z-78	Organic		12122-67-7
,4-Dithiane		1,4-Dithiane	505-29-3
Dithiocarb		Sodium diethyldithiocarbamate	148-18-5
Diuron	Organic		330-54-1
	Organia	1,3-Butadiene	106-99-0
Divinyl			124-40-3
Divinyl DMA	Organic	Dimethylamine	
Divinyl DMA DMBA	Organic Organic	7,12-Dimethylbenz(a)anthracene	57-97-6
Divinyl DMA DMBA DMF	Organic Organic Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide	57-97-6 68-12-2
DivinyI DMA DMBA DMF DMF	Organic Organic Organic Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine	57-97-6 68-12-2 62-75-9
DivinyI DMA DMBA DMF DMF	Organic Organic Organic Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide	57-97-6 68-12-2
Divinyl DMA	Organic Organic Organic Organic Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine	57-97-6 68-12-2 62-75-9
DivinyI DMA DMBA DMF DMF DMNA 2, 4-DMP DMT	Organic Organic Organic Organic Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalate	57-97-6 68-12-2 62-75-9 105-67-9
DivinyI DMA DMBA DMF DMMA 2,4-OMP DMMT DMT	Organic Organic Organic Organic Organic Organic Organic Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalate	57-97-6 68-12-2 62-75-9 105-67-9 120-61-6
DivinyI DMA DMBA DMF DMF DMNA 2,4-DMP DMT DMT DMT DMT DMBP DNOHP	Organic Organic Organic Organic Organic Organic Organic Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalale Dinoseb 4,6-Dinitro-o-cyclohexyl phenol	57-97-6 68-12-2 62-75-9 105-67-9 120-61-6 88-85-7
DivinyI DMA DMBA DMBA DMF DMF DMNA 2,4-DMP DMT DMT DNBP DNOPP DNOPP DOO	Organic Organic Organic Organic Organic Organic Organic Organic Inorganic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalate Dinoseb 4,6-Dinitro-o-cyclohexyl phenol Oxygen, dissolved	57-97-6 68-12-2 62-75-9 105-67-9 120-61-6 88-85-7 131-89-5
DivinyI DMA DMBA DMBA DMF DMF DMMA 2,4-DMP DMT DNBP DNOHP DOODHOHP DO DOODDOODDOODDOODDOODDOODDOODDOODDOOD	Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalate Dinoseb 4,6-Dinitro-o-cyclohexyl phenol Oxygen, dissolved Dodine	57-97-6 68-12-2 62-75-9 105-67-9 120-61-6 88-85-7 131-89-5 7782447 2439103
DivinyI DMA DMBA DMBA DMF DMF DMINA 2,4-DMP DMT DMBP DNOHP DO DO DOdecylguanidine acetate Dodine	Organic Inorganic Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalate Dinoseb 4,6-Dinitro-o-cyclohexyl phenol Oxygen, dissolved Dodine Dodine	57-97-6 68-12-2 62-75-9 105-67-9 120-61-6 88-85-7 131-89-5 7782447 2439103 2439103
Divinyl DMA DMBA DMBA DMF DMNA 2,4-DMP DMT DNBP DNOHP DOODOUGUIJUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	Organic Inorganic Organic Organic Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalate Dinoseb 4,6-Dinitro-o-cyclohexyl phenol Oxygen, dissolved Dodine Dodine Dalapon	57-97-6 68-12-2 62-75-9 105-67-9 120-61-6 88-85-7 131-89-5 7782447 2439103 2439103 75-99-0
Divinyl DMA DMBA DMBA DMF DMF DMT DMNA 2,4-DMP DMT DNBP DNOHP DOODdecylquanidine acetate Dodine Dowpon DOwpon	Organic Inorganic Organic Organic Organic Organic Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalate Dinoseb 4,6-Dinitro-o-cyclohexyl phenol Oxygen, dissolved Dodine Dodine Dalapon N-Nitrosodipropylamine	57-97-6 68-12-2 62-75-9 105-67-9 120-61-6 88-85-7 131-89-5 7782447 2439103 75-99-0 621-64-7
Divinyl DMA DMBA DMBA DMF DMINA 2,4-DMP DMT DNBP DNBP DNOHP DO Dodecylguanidine acetate Dodine Dowpon DPNA DPNA DPNA DPNA DPNA DPNA DDMA	Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalate Dinoseb 4,6-Dinitro-o-cyclohexyl phenol Oxygen, dissolved Dodine Dodine Dalapon N-Nitrosodipropylamine Ally	57-97-6 68-12-2 62-75-9 105-67-9 120-61-6 88-85-7 131-89-5 7782447 2439103 2439103 2439103 75-99-0 621-64-7 74223-64-6
Divinyl DMA  DMBA  DMBA  DMF  DMF  DMMA  2,4-DMP  DMT  DNBP  DNOHP  DOO  Dodecylguanidine acetate  Dodine  Dowpon  DPNA  DPNA  DPNA  DPNA  DPNA  DPNA  DPNA  DPNA  DPNA-F5384	Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalate Dinoseb 4,6-Dinitro-o-cyclohexyl phenol Oxygen, dissolved Dodine Dodine Dodine N-Nitrosodipropylamine Ally Londax	57-97-6 68-12-2 62-75-9 105-67-9 120-61-6 88-85-7 131-89-5 7782447 2439103 2439103 75-99-0 621-64-7 74223-64-6 83055-99-6
Divinyl DMA DMBA DMBA DMF DMF DMNA 2,4-DMP DMT DNBP DNOHP DO Dodecylguanidine acetate Dodine Dowpon DPNA DPX-6376 DPX-F5384 DPX-F6573	Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalate Dinoseb 4,6-Dinitro-o-cyclohexyl phenol Oxygen, dissolved Dodine Dodine Dodine Dalapon N-Nitrosodipropylamine Ally Londax NuStar	57-97-6 68-12-2 62-75-9 105-67-9 120-61-6 88-85-7 131-89-5 7782447 2439103 2439103 75-99-0 621-64-7 74223-64-6 83055-99-6 85509-19-9
Divinyl DMA  DMBA  DMBA  DMF  DMF  DMMA  2,4-DMP  DMT  DNBP  DNOHP  DOO  Dodecylguanidine acetate  Dodine  Dowpon  DPNA  DPNA  DPNA  DPNA  DPNA  DPNA  DPNA  DPNA  DPNA-F5384	Organic	7,12-Dimethylbenz(a)anthracene N,N-Dimethylformamide N-Nitrosodimethylamine 2,4-Dimethylphenol Dimethyl terephthalate Dinoseb 4,6-Dinitro-o-cyclohexyl phenol Oxygen, dissolved Dodine Dodine Dodine N-Nitrosodipropylamine Ally Londax	57-97-6 68-12-2 62-75-9 105-67-9 120-61-6 88-85-7 131-89-5 7782447 2439103 2439103 75-99-0 621-64-7 74223-64-6 83055-99-6

Dursban	Ornanic	Chlorpyrifos	2921-88-2
Dyfonate		Fonofos	
Dyphonate	Organic		944-22-9
Бурпонасе — — — — — — — — — — — — — — — — — — —	Olganic	1 01003	944-22-9
EAK	Organic	Ethyl n-amyl kelone	100 00 2
EC		Specific conductance (EC)	106-68-3
EDB		1,2-Dibromoethane	100.00
			106-93-4
EGBE	Organic	Ethylene glycol monobulyl ether	111-76-2
EL-107	Organic	Isoxaben	82558-50-7
Electrical Conductivity		Specific conductance (EC)	
Endosulfan	Organic	Endosulfan	115-29-7
Endosulfan I (alpha)	Organic	Endosulfan	115-29-7
Endosulfan II (beta)	Organic	Endosulfan	115-29-7
Endosulfan sulfate	Organic	Endosulfan sulfate	1031-07-8
Endothal		Endolhal	145-73-3
Endothall		Endothal	145-73-3
Endoxan monohydrate	Organic		50-18-0
Endrex	Organic		72-20-8
Endrin	Organic		72-20-8
ENU	Organic	N-Nitroso-N-ethylurea	759-73-9
EPEG		Ethylphthalyl ethylglycolate	84-72-0
Epic 500	Organic	Furmecyclox	60568-05-0
Epichlorohydrin		Epichlorohydrin	106-89-8
EPN		Ethyl p-nitrophenyl phenylphosphorothioate	2104-64-5
Epoxyethane		Ethylene oxide (ETO)	75-21-8
1,2-Epoxyethylbenzene	Organic	Styrene oxide	96-09-3
Eptam		S-Ethyl dipropylthiocarbamate	759-94-4
EPTC		S-Ethyl dipropylthiocarbamate	759-94-4
Estradiol 178		Estradiol 17B	50-28-2
Ethanal		Acetaldehyde	75-07-0
Ethanamide	Organic	Acetamide	60-35-5
Elhane			74-84-0
Ethanedinitrile		Cyanogen	460-19-5
1,2-Ethane diol		Ethylene glycol	107-21-1
Ethanethiol		Ethyl mercaptan	75-08-1
Ethanol	Organic		64-17-5
	Organic	Ethanolamine	
Ethanolamine		Ethephon	141-43-5 16672-87-0
Ethephon	Organic	Bis(2-chloroethyl) ether	
Ethers, chloroalkyl-	Organic	Bis(2-chloroisopropyl) ether	111-44-4
	1		39638-32-9
	ı	Bis(chloromethyl) ether	542-88-1
	1	Chloroalkyl ethers	107.00.0
		Chloromethyl methyl ether	107-30-2
Ethers, halo-	Organic	Bis(2-chloroethyl) ether	111-44-4
		Bis(2-chloroisopropyl) ether	39638-32-9
		Bis(chloromethyl) ether	542-88-1
		4-Bromophenyl phenyl ether	
			101-55-3
	l °	Chloroalkylethers	
	ľ	Chloromethyl methyl ether	107-30-2
		Chloromethyl methyl ether Decabromodiphenyl ether	
		Chloromethyl methyl ether Decabromodiphenyl ether Haloethers	107-30-2 1163-19-5
	,	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether	107-30-2 1163-19-5 32536-52-0
	·	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether	107-30-2 1163-19-5 32536-52-0 32534-81-9
	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2
Ethion 2-Ethoxyethanol	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5
?-Ethoxyethanol	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2
2-Ethoxyethanol 2-Ethoxyethyl acetate	Organic Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetone	Organic Organic Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethyl acetate	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9
	Organic Organic Organic Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetone	Organic Organic Organic Organic Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Penlabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9
2-Ethoxyethanol 2-Ethoxyethyl acetate thyl acetate thyl acetate thyl acrylate thyl acrylate	Organic Organic Organic Organic Organic Organic Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethanol 4-Ethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate thyl acetone Ethyl acrylate	Organic Organic Organic Organic Organic Organic Organic Organic Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethanol	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5
2-Ethoxyethanol 2-Ethoxyethyl acetate thyl acetate Ethyl acetone Ethyl acrylate thyl alcohol Ethyl alcohol	Organic Organic Organic Organic Organic Organic Organic Organic Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethylaromod	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Ethyl acrylate Ethyl acrylate Ethyl alcohol Ethyl n-amyl ketone Ethyl n-amyl ketone Ethylborzene	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethanol Ethylanol Ethylanine Ethyl n-amyl ketone	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Ethyl acrylate Ethyl alcohol Ethyl alcohol Ethyl annie Ethyl annie Ethyl parmyl ketone Ethyl bylonzene Ethyl bromide	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethanol 2-Ethyl acetate Ethyl acetate Ethyl acrylate Ethyl annol Ethylamine Ethylamine Ethylamine Ethyl hamyl ketone  Ethyl bromide	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4
2-Ethoxyethanol 2-Ethoxyethyl acetate thyl acetate thyl acetate thyl acrylate thyl alcohol thylanine thyl namyl ketone thyl bronide thyl bronide thyl bronide	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethyl acrylate Ethyl n-amyl ketone Ethyl n-amyl ketone Ethyl branine Ethyl branine Ethyl bromide Urethane	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6
-Ethoxyethanol -Ethoxyethyl acetate thyl acetate thyl acetane thyl acrylate thyl alcohol thylamine thyl namyl ketone thylbenzene thyl bromide thyl carbamate thyl carbethoxymethyl phthalate	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Penlabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethyl acrylate Ethyl annol Ethylamine Ethyl n-amyl ketone Ethyl bromide Urethane Ethyl bromide Urethane Ethylphthalyl ethylglycolate	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Ethyl acrylate Ethyl acrylate Ethyl acrylate Ethyl acrylate Ethyl and Ethyl acrylate Ethyl annyl ketone Ethyl annyl ketone Ethylbenzene Ethyl bromide Ethyl carbamate Ethyl carbamate Ethyl carbethoxymethyl phthalate Ethyl chloride	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Penlabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethanol Ethylanol Ethylanine Ethyl n-amyl ketone Ethyl bromide Urethane Ethylabyl ethylglycolate Chloroethane	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Ethyl acetone Ethyl acrylate Ethyl alcohol Ethyl annie Ethyl annie Ethyl h-amyl ketone Ethyl bromide Ethyl bromide Ethyl bromide Ethyl carbamate Ethyl chloride Ethyl chloride Ethyl chloride Ethyl-4,4'-dichlorobenzilate	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethanol 2-Ethoxyethanol by acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethanol Ethylamine Ethyl n-amyl ketone Ethyl h-amyl ketone Ethyl bromide Urethane Ethyl bromide Urethane Ethyl-4,4-dichlorobenzilate	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3 510-15-6
2-Ethoxyethanol 2-Ethoxyethyl acetate thyl acetate thyl acetate thyl acrylate thyl alcohol thylarmine thyl armyl ketone thyl bromide thyl bromide thyl trabamate thyl carbethoxymethyl phthalate thyl chichlorobenzilate Ethyl dipropylthiocarbamate	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethyl acrylate Ethyl acrylate Ethyl n-amyl ketone Ethyl h-amyl ketone Ethyl propyl methyl m	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3 510-15-6 75-94-4
2-Ethoxyethanol 2-Ethoxyethyl acetate thyl acetate thyl acetate thyl acrylate thyl acrylate thyl alcohol thylamine thyl n-amyl ketone thyl bromide thyl bromide thyl carbamate thyl carbamate thyl carbamouthyl phthalate thyl-4,4'-dichlorobenzilate 2-Ethyl dipropylthiocarbamate thylene	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethyl acrylate Ethyl annol Ethylamine Ethyl manyl ketone Ethyl homide Urethane Ethylbromide Urethane Ethylphthatyl ethylglycolate Chloroethane Ethyl-4-dichlorobenzilate S-Ethyl dipropylthiocarbamate Ettylene	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3 510-15-6 759-94-4 74-85-1
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Ethyl acrylate Ethyl acrylate Ethyl acrylate Ethylamine Ethylmanyl ketone Ethylbenzene Ethylbenzene Ethyl carbamate Ethyl carbamate Ethyl chloride Ethyl chloride Ethyl dipropylthiocarbamate Ethylene	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acryste Ethyl arcyste Ethylanol Ethylanine Ethyl n-amyl ketone Ethyl methyl methyl ethylenine Ethyl bromide Urethane Ethylphhalyl ethylglycolate Chloroethane Ethyl-di-dichlorobenzitate Ethylenine Ethyl dipropylthiocarbamate Ethylenine Ethylenine	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3 510-15-6 75-94-4 74-85-1 107-15-3
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Ethyl acetone Ethyl acrylate Ethyl alcohol Ethyl annie Ethyl annie Ethyl annie Ethyl bromide Ethyl bromide Ethyl bromide Ethyl carbamate Ethyl carbamate Ethyl chloride Ethyl-4,4'-dichlorobenzilate Ethyl dipropylthiocarbamate Ethylene	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Penlabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethylanol Ethylanol Ethylanine Ethyl n-amyl ketone Ethyl bromide Urethane Ethyl bromide Urethane Ethyl-4,4'-dichlorobenzilate S-Ethyl dipropylthiocarbamate Ethylene	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3 510-15-6 759-94-4 74-85-1 107-15-3 107-15-3
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Ethyl acetone Ethyl acrylate Ethyl alcohol Ethyl annie Ethyl annie Ethyl bromide Ethyl bromide Ethyl bromide Ethyl carbamate Ethyl chloride Ethyl chloride Ethyl chloride Ethyl chloride Ethyl chloride Ethyl dipropylthiocarbamate Ethylene Ethylene Ethylene Ethylene dibromide Ethylene dichloride	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethanol 2-Ethoxyethanol 2-Ethyl acetate Ethyl n-propyl ketone Ethyl acrylate Ethanol Ethylarnine Ethyl n-amyl ketone Ethyl h-amyl ketone Ethyl bromide Urethane Ethyl bromide Urethane Ethyl-4,4'-dichlorobenzilate S-Ethyl dipropylthiocarbamate Ethyl-4,4'-dichlorobenzilate S-Ethyl dipropylthiocarbamate Ethylene Ethylene Ethylene Ethylene 1,2-Dibromoethane	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3 510-15-6 75-94-4 74-85-1 107-15-3 106-93-4 107-06-2
2-Ethoxyethanol 2-Ethoxyethyl acetate thyl acetate thyl acetate thyl acrylate thyl alcohol thylamine thyl annyl ketone thylonare thyl bromide thyl carbamate thyl carbamate thyl carbethoxymethyl phthalate thyl chichlorobenzilate 2-Ethyl dipropylthiocarbamate thylene thylene dibromide thylene dibromide thylene dichloride thylene dichloride thylene dichloride thylene dichloride	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Pentabromodiphenyl ether Ethion 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethyl acrylate Ethyl n-amyl ketone Ethyl manyl ketone Ethyl n-amyl ketone Ethyl promide Urethane Ethyl bromide Urethane Ethylphthalyl ethylglycolate Chloroethane Ethyl-4,4-dichlorobenzilate S-Ethyl dipropylthiocarbamate Ethylene diamine 1,2-Dichloroethane Ethylene glycol	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3 510-15-6 759-94-4 74-85-1 107-15-3 106-93-4 107-06-2 107-06-2
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acrylate Ethyl acrylate Ethyl acrylate Ethyl acrylate Ethyl anne Ethyl anne Ethyl anne Ethyl anne Ethyl bromide Ethyl bromide Ethyl carbamate Ethyl carbamate Ethyl chloride Ethyl chloride Ethyl dipropylthiocarbamate Ethyl ethyl anne Ethyl dipropylthiocarbamate Ethylene dibromide Ethylene dibromide Ethylene dichloride Ethylene glycol	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Penlabromodiphenyl ether Ethion 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethyl acrylate Ethyl arylate Ethyl and Ethyl arylate Ethyl methyl ether Ethyl methyl ether Ethyl propyl ketone Ethyl methyl ethylate Ethyl n-amyl ketone Ethyl n-amyl ketone Ethyl bromide Urethane Ethyl-hane Ethyl-hane Ethyl-hane Ethyl-hane Ethyl-di-dichlorobenzifate S-Ethyl dipropylthiocarbamate Ethyl-ethylogicolate Ethylene Ethylenediamine 1,2-Dibromoethane Ethylene glycol Ethylene glycol Ethylene glycol monobutyl ether	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3 510-15-6 759-94-4 74-85-1 107-15-3 106-93-4 107-06-2 107-21-1
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Ethyl acetate Ethyl acrylate Ethyl acrylate Ethyl acrylate Ethyl acrylate Ethyl armyl ketone Ethylerine Ethyl bromide Ethyl bromide Ethyl carbamate Ethyl carbamate Ethyl chloride Ethyl-4, 4'-dichlorobenzilate 3-Ethyl dipropylthiocarbamate Ethylene dibnomide Ethylene dibnomide Ethylene dichloride Ethylene dichloride Ethylene glycol Ethylene glycol Ethylene glycol Ethylene glycol Ethylene glycol Ethylene glycol monobutyl ether	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Penlabromodiphenyl ether Ethion 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethylanol Ethylanol Ethylanine Ethyl n-amyl ketone Ethyl bromide Urethane Ethylbromide Urethane Ethylphhalyl ethylglycolate Chloroethane Ethyl-4,4'-dichlorobenzilate S-Ethyl dipropylthiocarbamate Ethylene glycol monobutyl ether Ethylene glycol monobutyl ether	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3 510-15-6 759-94-4 74-85-1 107-15-3 106-93-4 107-06-2 107-21-1 111-76-2
-Ethoxyethanol -Ethoxyethyl acetate -Ethyl bromide -Ethyl bromide -Ethyl chloride -Ethyl chloride -Ethyl dipropylthiocarbamate -Ethyl dipropylthiocarbamate -Ethyl ene -Ethylene -Eth	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Penlabromodiphenyl ether Ethion 2-Ethoxyethanol 2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethylanol Ethylanol Ethylanine Ethyl n-amyl ketone Ethyl bromide Urethane Ethyl bromide Urethane Ethyl-4,4'-dichlorobenzilate S-Ethyl dipropylthiocarbamate Ethylene glycol Ethylene glycol monobutyl ether 2-Ethoxyethanol	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3 510-15-6 75-94-4 74-85-1 107-15-3 106-93-4 107-06-2 107-21-1 111-76-2 111-76-2 111-76-2 111-76-2
2-Ethoxyethanol 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Ethyl acetone Ethyl acrylate Ethyl alcohol Ethyl annie Ethyl annie Ethyl annie Ethyl bromide Ethyl bromide Ethyl bromide Ethyl carbamate Ethyl carbamate Ethyl chloride Ethyl-4,4'-dichlorobenzilate Ethyl dipropylthiocarbamate Ethylene	Organic	Chloromethyl methyl ether Decabromodiphenyl ether Haloethers Octabromodiphenyl ether Penlabromodiphenyl ether Ethion 2-Ethoxyethyl acetate Ethyl acetate Ethyl acetate Methyl n-propyl ketone Ethyl acrylate Ethylanol Ethylanol Ethylanine Ethyl n-amyl ketone Ethyl bromide Urethane Ethylbromide Urethane Ethylphhalyl ethylglycolate Chloroethane Ethyl-4,4'-dichlorobenzilate S-Ethyl dipropylthiocarbamate Ethylene glycol monobutyl ether Ethylene glycol monobutyl ether	107-30-2 1163-19-5 32536-52-0 32534-81-9 563-12-2 110-80-5 111-15-9 141-78-6 107-87-9 140-88-5 64-17-5 75-04-7 106-68-3 100-41-4 74-96-4 51-79-6 84-72-0 75-00-3 510-15-6 759-94-4 74-85-1 107-15-3 106-93-4 107-06-2 107-21-1 111-76-2

	CONSTITUENT	Category	See Listing(s) Under:	CAS No.
Ε	Ethylenes, dichloro-		1,1-Dichloroethylene	75-35-4
			cis-1,2-Dichloroethylene	156-59-2
			trans-1,2-Dichloroethylene	156-60-5
			Dichloroethylenes	
	Ethylene thiourea (ETU)		Ethylene thiourea (ETU)	96-45-7
	Ethyl ether Ethyl formate	Organic	Ethyl ether Ethyl formate	60-29-7
	Ethyl mercaptan	Organic	Ethyl mercaptan	109-94-4
	Ethyl nitrile	Organic	Acetonitrile	75-08-1 75-05-8
	Ethyl p-nitrophenyl phenylphosphorothicate	Organic	Ethyl p-nitrophenyl phenylphosphorothicate	2104-64-5
	Ethylnitrosourea	Organic	N-Nitroso-N-ethylurea	759-73-9
	Ethyl parathion	Organic	Parathion :	56-38-2
	Ethylphthalyl ethylglycolate	Organic	Ethylphthalyl ethylglycolate	84-72-0
	Ethylthiodemeton Ethyne	Organic Organic	Disyston	298-04-4
	ETO		Acetylene Ethylene oxide (ETO)	74-86-2 75-21-8
	ETU		Ethylene thiourea (ETU)	96-45-7
	Express		Express	101200-48-0
				1.0.200 100
F	F.	Inorganic	Fluonde	7782-41-4
	FD&C Red No. 1		Ponceau 3R	3564098
	Fe	Inorganic		7439-89-6
	Femogen Fenamiphos	Organic	Estradiol 17B Fenamiphos	50-28-2
	Fenpropanate	Organic	Danitol	22224-92-6 39515-41-8
	Fenpropathrin		Danitol	39515-41-8
	Fenvalerate		Pydrin	51630-58-1
	Ferbam	Organic	Ferbam	14484-64-1
	Fermale	Organic	Ferbam	14484-64-1
	Fluometuron	Organic	Fluometuron	2164-17-2
	Fluoranthene	Organic	Fluoranthene	206-44-0
	2-Fluorenylacetamide	Organic Organic	Fluorene 2-Acetylaminofluorene	86-73-7 53-96-3
	Fluoride	Inorganic	<u> </u>	7782-41-4
	Fluorine, soluble	Inorganic		7782-41-4
	Fluorotrichloromethane	Organic	Trichlorofluoromethane	75-69-4
	Fluridone		Fluridone	59756-60-4
	Flurprimidol		Flurprimidol	56425-91-3
	Flutolanil	Organic	Flutolanil	66332-96-5
	Fitvalinate	Organic	Fluvalinate 2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	69409-94-5 3570-75-0
	Foaming agents (MBAS)		Foaming agents (MBAS)	3510-13-0
	Folex 6EC	Organic	Merphos	150-50-5
	Folpan	Organic		133-07-3
	Folpel		Folpet	133-07-3
	Fomesafen	Organic	Fornesaten	72178-02-0
	Fonolos	Organic		944-22-9
	Formaldehyde Formic acid		Formaldehyde Formic acid	64-18-6
	2-(2-Formylhydrazino)-4-(5-nitro-2-furyt)thiazole		2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	3570-75-0
	Fosetyl-al		Fosetyl-al	39148-24-8
	Fosfamid		Dimethoate	60-51-5
	Freon 10		Carbon letrachloride	56-23-5
	Freon 11		Trichlorofluoromethane	75-69-4
	Freen 12		Dichlorodifluoromethane	75-71-8
	Freon 113		Chloroform 1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1
	Freon 150		1,2-Dichloroethane	107-06-2
	Fuel oil #1		Kerosene	8008-20-6
	Fuel oil #2		Diesel Oil	68476-34-6
	Furadan		Carbofuran	1563-66-2
	Furan	Organic		110-00-9
	Furathiazole		N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	531-82-8
	Furfural Furfuran	Organic Organic		98-01-1
	Fundran		2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole	712-68-5
	Furium	<del></del>	N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	531-82-8
	Furmecyclox		Furmecyclox	60568-05-0
	Furmetamide	Organic	Furmecyclox	60568-05-0
	Furylamide	Organic		3688-53-7
	2-(2-Furyl)-3-(5-nitro-2-furyl)acrylamide	Organic	AF-2	3688-53-7
G	Gasalina	0	Casalina	2006 61-0
G	Gasoline Genoxal		Gasoline Cyclophosphamide	8006-61-9 50-18-0
	Gesafram 50		Prometon	1610-18-0
	Glob-P-2		A-alpha-C	26148-68-5
	Glucopyranose		Chlorozotocin	54749-90-5
	Glufosinate-ammonium	Organic	Glufosinate-ammonium	77182-82-2
	Glufosinate-ammonium Glu-P-1	Organic Organic	Glu-P-1	67730-11-4
	Glufosinate-ammonium	Organic Organic Organic		

C	ONSTITUENT	Category	See Listing(s) Under:	CAS No.
	rcidol		Glycidol	556-52-5
	phosate		Glyphosale	1071-83-6
	phosate isopropylamine salt		Glyphosate	1071-83-6
Go			Oxyfluorfen	42874-03-3
· -	aslan		Tebuthiuron Cit & access	34014-18-1
	ease seofluvin	Organic	· · · · · · · · · · · · · · · · · · ·	120 07 0
-	oss Alpha radioactivity		Radioactivity, Gross Alpha	126-07-8
	oss Beta radioactivity		Radioactivity, Gross Beta	
	thion		Azinphos-methyl	86-50-0
	romitria		Gyromitrin	16568-02-8
_			·	
H <sub>2</sub> I	VNH₂	Inorganic	Hydrazine	302-01-2
H <sub>2</sub> :	S	Inorganic	Hydrogen sulfide	7783064
H <sub>2</sub> :			Hydrogen selenide	7783075
3H		Inorganic		10028-17-8
Ha	loacetic acids	Organic		79-08-3
- 1		(	Chloroacetic acid	79-11-8
		Ì	Dibromoacetic acid	ļ <u>.</u>
		ļ	Dichloroacetic acid	79-43-6
<u> </u>	la di ana	0	Trichloroacetic acid	76-03-9
На	loethers	Organic		111-44-4
		1	Bis(2-chloroisopropyl) ether Bis(chloromethyl) ether	39638-32-9
-		1	4-Bromophenyl phenyl ether	542-88-1 101-55-3
			Chloroalkylethers	.01-55-5
		1	Chloromethyl methyl ether	107-30-2
		1	Decabromodiphenyl ether	1163-19-5
		1	Haloethers	
			Octabromodiphenyl ether	32536-52-0
L			Pentabromodiphenyl ether	32534-81-9
Ha	lomethanes	Organic	Bromochloromethane	74-97-5
			Bromodichloromethane	75-27-4
			Bromoform	75-25-2
ı			Bromomethane	74-83-9
	·	1	Carbon tetrachloride	56-23-5
İ		ĺ	Chloroform	67-66-3
1			Chloromethane Dibromochloromethane	74-87-3
1		ŀ	Dichlorodifluoromethane  Dichlorodifluoromethane	124-48-1 75-71-8
			Dichloromethane	75-09-2
			Halomethanes	75-05-2
		ļ	lodoform	75-47-8
L			Trichlorofluoromethane	75-69-4
Ha	othane	Organic	Halothane	151-67-7
Ha	oxyfop-melhyl	Organic	Haloxyfop-methyl	69806-40-2
	rmony	Organic	Harmony	79277-27-3
	rvade	Organic	Dimethipin	55290-64-7
HC		Organic	Hexachlorobenzene	118-74-1
	BD	Organic		87-68-3
	Blue 1	Organic	HC Blue 1	2784-94-3
	CPD			
HC	u	Organic	Hexachlorocyclopentadiene	77-47-4
	н	Organic	alpha-BHC	77-47-4 319-84-6
	н		alpha-BHC bela-BHC	77-47-4 319-84-6 319-85-7
	н		alpha-BHC beta-BHC gamma-BHC (Lindane)	77-47-4 319-84-6 319-85-7 58-89-9
	н		alpha-BHC bela-BHC	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8
HC			alpha-BHC beta-BHC gamma-BHC (Lindane) detha-BHC technical-BHC	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1
He	N otachlor	Organic Inorganic	alpha-BHC beta-BHC gamma-BHC (Lindane) detha-BHC technical-BHC	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8
He	N	Organic Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Cyanide	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5
He <sub>j</sub> He <sub>j</sub>	N otachlor otachlor epoxide otane	Organic Inorganic Organic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Cyanide Heptachlor	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8
Hej Hej 2-H	N Diachlor Diachlor epoxide Diane Jeptanone	Organic Inorganic Organic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) detha-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heplane	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3
Hej Hej 2-H	N otachlor otachlor epoxide otache otache eptanone X	Inorganic Organic Organic Organic Organic Organic Organic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4
Hej Hej 2-H HE	N otachlor otachlor epoxide otane leptanone X uabsomobenzene	Inorganic Organic Organic Organic Organic Organic Organic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heplane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexabromobenzene	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-82-1
Her Her 2-H HE: Hex	N  ptachlor  ptachlor epoxide  ptane  leptanone  X  tabromobenzene tachlorobenzene	Inorganic Organic Organic Organic Organic Organic Organic Organic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Cyanide Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobenzene	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-82-1
Hej Hej 2-H HE Hej Hej	N  plachlor  plachlor epoxide  plane  eptanone  X  kabromobenzene  tachlorobenzene kachlorobutadiene	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) detha-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-68-3
Hej Hej 2-H HE He)	N  ptachlor  ptachlor epoxide  ptane  leptanone  X  tabromobenzene tachlorobenzene	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) detha-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobenzene Hexachlorobutadiene alpha-BHC	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-82-1 118-74-1 87-68-3 319-84-6
Hej Hej 2-H HE He)	N  plachlor  plachlor epoxide  plane  eptanone  X  kabromobenzene  tachlorobenzene kachlorobutadiene	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobenzene Hexachlorobentadiene alpha-BHC beta-BHC	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-82-1 118-74-1 87-68-3 319-84-6 319-85-7
Hej Hej 2-H HE Hej Hej	N  plachlor  plachlor epoxide  plane  eptanone  X  kabromobenzene  tachlorobenzene kachlorobutadiene	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) detta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexabronobenzene Hexachlorobutadiene Hexachlorobutadiene alpha-BHC gamma-BHC (Lindane)	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-82-1 118-74-1 87-68-3 319-84-6 319-85-7 58-89-9
Hej Hej 2-H HE Hej Hej	N  plachlor  plachlor epoxide  plane  eptanone  X  kabromobenzene  tachlorobenzene kachlorobutadiene	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobenzene Hexachlorobutadiene alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-68-3 319-84-6 319-85-7 58-89-9 319-86-8
Hej Hej 2-H HE Hej Hej	N Dtachlor Dtachlor Dtachlor epoxide Dtachlor epoxide Dtachlor epoxide Dtachlor Eptanone X X Stabromobenzene Stachlorobenzene Stachlorobenzene Stachlorocyclohexane	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) detha-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobetadiene alpha-BHC beta-BHC gamma-BHC (Lindane) detechnical-BHC technical-BHC	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-82-1 118-74-1 87-68-3 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1
Hey Hey Hey Hey Hey	N  ptachlor ptachlor epoxide ptachlor epoxide ptachlor epoxide ptachlore  X  cabromobenzene cachlorobenzene cachlorobutadiene cachlorocyclohexane	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptachlor epoxide Heptachlor epoxide Heptachlorocyclopentadiene Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobutadiene alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC lechnical-BHC Hexachlorocyclopentadiene	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-62-1 118-74-1 87-68-3 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 77-47-4
Hey Hey Hey Hey Hey	N Datachlor Datachlor epoxide Dane Delane Delane Delane Delane Delane Ex  Cabromobenzene Cachlorobenzene Cachlorobutadiene Cachlorocyclohexane  Cachlorocyclopentadiene Cachlorocyclopentadiene Cachlorocyclopentadiene Cachlorocyclopentadiene Cachlorocyclopentadiene Cachlorocyclopentadiene Cachlorocyclopentadiene	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) detta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobutadiene alpha-BHC gamma-BHC (Lindane) detta-BHC gamma-BHC (Lindane) detta-BHC Hexachlorocyclopentadiene Hexachlorocyclopentadiene	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-82-1 118-74-1 87-68-3 319-86-6 508-73-1 77-47-4 19408-74-3
Hey Hey Hey Hey Hey Hey	N  Diachlor  Diachlor epoxide  Diane  Replanone  X  Asbromobenzene  Cachlorobenzene  Cachlorobenzene  Cachlorocyclohexane   Cachlorocyclopentadiene	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobenzene Hexachlorobutadiene alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobutadiene alpha-BHC Hexachlorobenzene Hexachlorobenzene	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-68-3 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 77-47-4 19408-74-3 67-72-1
Hey Hey Hey Hey Hey Hey Hey	N Datachlor Datachlor epoxide Dane Delane Delane Delane Delane Delane Ex  Cabromobenzene Cachlorobenzene Cachlorobutadiene Cachlorocyclohexane  Cachlorocyclopentadiene Cachlorocyclopentadiene Cachlorocyclopentadiene Cachlorocyclopentadiene Cachlorocyclopentadiene Cachlorocyclopentadiene Cachlorocyclopentadiene	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) detha-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobetadiene alpha-BHC beta-BHC gamma-BHC (Lindane) detlta-BHC technical-BHC Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocytenae Hexachlorocytenae	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-68-3 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 77-47-4 19408-74-3 67-72-1 70-30-4
Hey Hey Hey Hey Hey Hey Hey	N Diachlor Diachlor Diachlor epoxide Diane leptanone X X Subromobenzene Sachlorobenzene Sachlorocyclohexane  Sachlorocyclopentadiene Sachlorocyclopentadiene Sachlorocyclopentadiene Sachlorocyclopentadiene Sachlorocyclopentadiene Sachlorocyclopentadiene Sachlorocyclopentadiene Sachlorocyclopentadiene Sachlorocyclopentadiene	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) detta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptachlor epoxide Heptachlor epoxide Heptachlorocyclopentadiene Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobutadiene alpha-BHC beta-BHC gamma-BHC (Lindane) detta-BHC technical-BHC Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorodibenzo-p-dioxin Hexachlorocyclopentadiene Hexachlorodibenzo-p-dioxin Hexachlorophene Endrin	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-82-1 118-74-1 87-68-3 319-86-8 608-73-1 77-47-4 19408-74-3 67-72-1 70-30-4 72-20-8
Here Here Here Here Here Here Here Here	N Dtachlor Dtachlor epoxide Dtachlor epoxide Dtachlor epoxide Dtachlor epoxide Dtachlor epoxide Dtachlor epoxide Dtachloroen  X Cabromobenzene Cachlorobenzene Cachlorobutadiene Cachlorocyclohexane  Cachlorocyclopentadiene	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobutadiene alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Hexachlorocyclopentadiene Hexachlorobutadiene alpha-BHC hexachlorocyclopentadiene Hexachlorobutadiene alpha-BHC hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorophene Endrin RDX (Cyclonite)	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-82-1 118-74-1 87-68-3 319-86-8 608-73-1 77-47-4 19408-74-3 67-72-1 70-30-4 72-20-8 121-82-4
Heiner He	N ptachlor opoxide obtaine opoxide obtaine opoxide obtaine opeptanone X (abtromobenzene tachlorobenzene tachlorobutadiene tachlorocyclohexane opeptanone) opeptanone	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) detta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptachlor epoxide Heptachlor epoxide Heptachlorocyclopentadiene Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobutadiene alpha-BHC beta-BHC gamma-BHC (Lindane) detta-BHC technical-BHC Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorodibenzo-p-dioxin Hexachlorocyclopentadiene Hexachlorodibenzo-p-dioxin Hexachlorophene Endrin	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-82-1 118-74-1 87-68-3 319-86-8 608-73-1 77-47-4 19408-74-3 67-72-1 70-30-4 72-20-8
Heiner He	Notachlor potachlor epoxide potachlorobenzene potachlorobenzene potachlorobenzene potachlorocyclopentadiene potachloro	Inorganic Organic	alpha-BHC beta-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Cyanide Heptachlor Heptachlor epoxide Heptane Methyl n-amyl ketone Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobenzene Hexachlorobutadiene alpha-BHC gamma-BHC (Lindane) delta-BHC technical-BHC Hexachlorocyclopentadiene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorophene Endrin RDX (Cyclonite) Hexamethylphosphoramide	77-47-4 319-84-6 319-85-7 58-89-9 319-86-8 608-73-1 57-12-5 76-44-8 1024-57-3 142-82-5 110-43-0 77-47-4 87-68-3 319-86-6 319-86-7 58-89-9 319-86-8 608-73-1 77-47-4 19408-74-3 67-72-1 70-30-4 72-20-8 121-82-4 680-31-9

Н	CONSTITUENT	Category	See Listing(s) Under:	CAS No.
	Hexogen	Organic	RDX (Cyclonite)	121-82-4
	1,6-Hexolactam		Caprolactam	105-60-2
	Hg	Inorganic	Mercury, inorganic	7439-97-6
	HgCl,		Mercuric chloride	7487-94-7
	HHON	Organic		309-00-2
	НМХ	Organic		2691-41-0
	Hoe 39866	Organic		77182-82-2
	HxCDD	Organic	Hexachlorodibenzo-p-dioxin	19408-74-3
	Hydrazine		Hydrazine	302-01-2
	Hydrazine sulfate		Hydrazine sulfate	10034-93-2
	Hydrazobenzene	Organic	<del>                                     </del>	122-66-7
	Hydrogen cyanide Hydrogen phosphide	Inorganic	Phosphine .	57-12-5
	Hydrogen selenide		Hydrogen selenide	7803-51-2
	Hydrogen sulfide		Hydrogen sulfide	7783075
	3-Hydroxybutyric acid		beta-Butyrolactone	7783064 96-48-0
	4-Hydroxy-4-methyl-2-pentanone		Diacetone alcohol	123-42-2
	Hyvar X or XL		Bromacil	314-40-9
		U. gorne	10.0.000	[314-40-3
1	F	Inorganic	lodide	7
	Imazalit		Imazalil	35554-44-0
	Imazaquin	Organic	Imazaquin	81335-37-7
	Imidamide	Organic	Amitraz	33089-61-1
	IMPA	Organic		1832-54-8
	Indene	Organic	Indene	95-13-6
	Indeno(1,2,3-c,d)pyrene	Organic	Indeno(1,2,3-c,d)pyrene	193-39-5
	IN L5300	Organic	Express	101200-48-0
	lodide	Inorganic		
	lodoform		lodoform	75-47-8
	Iprodione	Organic		36734-19-7
	IQ	Organic	IQ	76180-96-6
	Iron	Inorganic		7439-89-6
	Isoamyl acetate	Organic	Isoamyl acetate	123-92-2
	Isoamyl alcohol	Organic	Isoamyl alcohol	123-51-3
	Isobutanol	Organic	Isobutyl alcohol	78-83-1
	Isobulyl acetate	Organic	Isobutyl acetate	110-19-0
	Isobutyl alcohol	Organic	Isobutyl alcohol	78-83-1
	Isobutyl carbinol Isophorone	Organic Organic	Isoamyl alcohol Isophorone	123-51-3 78-59-1
	Isopropalin	Organic	Isopropalin	33820-53-0
	Isopropanol	Organic	Isopropanol	67-63-0
	Isopropyl acetate	Organic	Isopropyl acetate	108-21-4
	Isopropyl alcohol	Organic	Isopropanol	67-63-0
	Isopropylamine		Isopropylamine	75-31-0
	Isopropyl benzene	Organic	Cumene	98-82-8
	Isopropyl-N-(3-chlorophenyl)carbamate	Organic	Chlorpropham	101-21-3
	Isopropyl ether	Organic	Isopropyl ether	108-20-3
	Isopropyl methylphosphonate	Örganic	Isopropyl methylphosphonate	
	Isopropyl methyl phosphonic acid	Organic	Isopropyl methyl phosphonic acid	1832-54-8
	Isopropyl methyl phosphonic acid Isoxaben	Organic	Isopropyl methyl phosphonic acid Isoxaben	1832-54-8 82558-50-7
		Organic		
ĸ	Isoxaben Karate	Organic	Isoxaben  Cyhalothrin	82558-50-7 68085-85-8
ĸ	Isoxaben  Karate  Karmex	Organic Organic Organic Organic	Isoxaben  Cyhalothrin  Diuron	82558-50-7 68085-85-8 330-54-1
ĸ	Isoxaben  Karale  Karmex  Kepone	Organic Organic Organic Organic Organic	Isoxaben  Cyhalothrin  Diuron  Kepone	82558-50-7 68085-85-8 330-54-1 143-50-0
ĸ	Isoxaben  Karate  Karmex  Kepone  Kerb	Organic Organic Organic Organic Organic Organic	Isoxaben  Cyhalothrin  Diuron  Kepone  Pronamide	82558-50-7 88085-85-8 330-54-1 143-50-0 23950-58-5
ĸ	Karale Karmex Kepone Kerb Kerosene	Organic Organic Organic Organic Organic Organic Organic Organic	Isoxaben  Cyhalothrin  Diuron  Kepone  Pronamide  Kerosene	82558-50-7 68085-85-8 330-54-1 143-50-0 23950-58-5 8008-20-6
ĸ	Isoxaben  Karate  Karmex  Kepone  Kerb	Organic Organic Organic Organic Organic Organic Organic Organic	Isoxaben  Cyhalothrin  Diuron  Kepone  Pronamide	82558-50-7 88085-85-8 330-54-1 143-50-0 23950-58-5
	Isoxaben  Karate  Karmex  Kepone  Kerb  Kerosene  Kerosine	Organic Organic Organic Organic Organic Organic Organic Organic Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene	82558-50-7 58085-85-8 330-54-1 143-50-0 23950-58-5 8008-20-6 8008-20-6
K	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine	Organic Organic Organic Organic Organic Organic Organic Organic Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene  Lactofen	82558-50-7 58085-85-8 330-54-1 143-50-0 23950-58-5 8008-20-6 8008-20-6
	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambaşt	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene  Lactofen Butachlor	82558-50-7 58085-85-8 330-54-1 143-50-0 23950-58-5 8008-20-6 8008-20-6
	Isoxaben  Karale Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide Kerosene Kerosene Lactofen Butachfor Fluometuron	82558-50-7 58085-85-8 330-54-1 143-50-0 23950-58-5 8008-20-6 8008-20-6 77501-63-4 23184-66-9 2164-17-2
	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambaşt	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide Kerosene Kerosene Lactofen Butachfor Fluometuron	82558-50-7 58085-85-8 330-54-1 143-50-0 23950-58-5 8008-20-6 8008-20-6 77501-63-4 23184-66-9
	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambaşt Lanex Lannate	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene  Lactofen Bulachlor Fluometuron Methornyl	82558-50-7  68085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  77501-63-4  23184-66-9  2164-17-2  16752-77-5
	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lanex Lanex Lanex Lasiocarpine	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide Kerosene Kerosene Kerosene Lactofen Butachlor Fluometuron Methornyl Lasiocarpine Alachlor	82558-50-7  58085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  77501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4
	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lannate Lasiocarpine Lasso	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene  Lactofen Butachlor Fluometuron  Methornyl Lasiocarpine Alachlor Lead	82558-50-7  58085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  77501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4  15972-60-8
	Isoxaben  Karate  Karmex  Kepone  Kerb  Kerosene  Kerosine  Lactofen  Lambaşt  Lanex  Lannate  Lanioarpine  Lassocarpine  Lasso  Lead	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene  Lactofen Butachlor Fluometuron  Methornyl Lasiocarpine  Alachlor Lead Lead acelate	82558-50-7  68085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  77501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4  15972-60-8  7439-92-1
	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lanex Lanex Lasso Lead Lead acetate	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide Kerosene Kerosene  Lactofen Bulachlor Fluometuron Methornyl Lasiocarpine Alachlor Lead Lead acetate Lead subacetate Tetraethyl lead	82558-50-7    68085-85-8     330-54-1     143-50-0     23950-58-5     8008-20-6     8008-20-6     77501-63-4     23184-68-9     2164-17-2     16752-77-5     303-34-4     15972-60-8     7439-92-1     301-04-2     1335-32-6     78-00-2
	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lannate Lasiocarpine Lasso Lead Lead acetate Lead setate Lead, tetraethyt- Lindane	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene  Lactofen Butachtor Fluometuron  Methornyl Lasiocarpine  Alachtor Lead Lead acetate Lead subacetate Tetraethyl lead gamma-BHC (Lindane)	82558-50-7  58085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  77501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4  15972-60-8  7439-92-1  301-04-2  1335-32-6  78-00-2  58-89-9
	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lanex Lanex Lasiocarpine Lasso Lead Lead subacetate Lead, tetraethyt-	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene  Lactofen Butachtor Fluometuron  Methornyl Lasiocarpine  Alachtor Lead Lead acetate Lead subacetate Tetraethyl lead gamma-BHC (Lindane)	82558-50-7  68085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  8008-20-6  177501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4  15972-60-8  7439-92-1  301-04-2  1335-32-6  78-00-2  58-89-9  330-55-2
	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lanex Lanex Lanea Lasiocarpine Lasso Lead Lead subacetate Lead subacetate Lead, tetraethyt- Lindane Linuron Londax	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene  Lactofen  Bulachlor Fluometuron  Methornyl Lasiocarpine Alachlor Lead Lead acetate Lead subacetate Tetraethyl lead gamma-BHC (Lindane) Linuron Lindon	82558-50-7  68085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  8008-20-6  77501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4  15972-60-8  7439-92-1  301-04-2  1335-32-6  78-00-2  58-89-9  330-55-2  83055-99-6
	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lamax Lannate Lasiocarpine Lasso Lead Lead subacetate Lead, tetraethyl- Lindone Linuron	Organic Inorganic Organic Organic Organic Organic Organic Organic Organic Organic Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene  Lactofen  Butachlor Fluometuron  Methornyl Lasiocarpine Alachlor Lead Lead acetate Lead subacetate Tetraethyl lead gamma-BHC (Lindane) Linuron Londax	82558-50-7  68085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  8008-20-6  177501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4  15972-60-8  7439-92-1  301-04-2  1335-32-6  78-00-2  58-89-9  330-55-2
L	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lannate Lasiocarpine Lasso Lead Lead subacetate Lead, tetraethyl- Lindane Linuton Londax Lorsban	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide Kerosene Kerosene Kerosene  Lactofen Bulachlor Fluometuron Methomyl Lasiocarpine Alachlor Lead Lead acetate Lead subacetate Tetraethyl lead gamma-BHC (Lindane) Linuron Londax Chlorpyrifos	82558-50-7  58085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  77501-63-4  23184-66-9  2164-17-2  18752-77-5  303-34-4  15972-60-8  7439-92-1  301-04-2  1335-32-6  78-00-2  58-89-9  330-55-2  83055-99-6  2921-88-2
	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lambast Lanex Lannate Lasiocarpine Lasso Lead Lead subacetate Lead, tetraethyl- Lindone Linuron Londax Lorsban	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide Kerosene Kerosene Kerosene Lactofen Butachlor Fluometuron Methornyl Lasiocarpine Alachlor Lead acetate Lead subacetate Tetraethyl lead gamma-BHC (Lindane) Linuron Londax Chlorpyrifos	82558-50-7  68085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  8008-20-6  177501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4  15972-60-8  7439-92-1  301-04-2  1335-32-6  78-00-2  58-89-9  330-55-2  83055-99-6  2921-88-2
L	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lanex Lanex Laneae Lasiocarpine Lasso Lead Lead acetate Lead subacetate Lead subacetate Lead, tetraethyt- Lindane Linuron Londax Lorsban  Malathion Maleic anhydride	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene  Lactofen  Butachlor Fluometuron  Methornyl Lasiocarpine Alachlor Lead Lead acetate Lead subacetate Tetraethyl lead gamma-BHC (Lindane) Linuron Londax Chlorpyrifos  Malathion  Malathion  Malathion  Maleic anhydride	82558-50-7  \$8085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  8008-20-6  77501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4  15972-60-8  7439-92-1  301-04-2  1335-32-6  78-00-2  \$8-89-9  330-55-2  83055-99-6  2921-88-2
L	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lanex Lanex Lanex Lanex Lead cetate Lead setate Lead, tetraethyt- Lindane Linuron Linuron Lorsban  Malathion Maleic anhydride Maleic hydrazide	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide  Kerosene  Kerosene  Lactofen Bulachtor Fluometuron Methornyl Lasiocarpine Alachtor Lead Lead acetate Lead subacetate Lead Suba	82558-50-7  88085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  77501-63-4  23184-68-9  2164-17-2  16752-77-5  303-34-4  15972-60-8  7439-92-1  301-04-2  1335-32-6  78-00-2  58-89-9  330-55-2  83055-99-6  2921-88-2
L	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lanex Lanex Lanex Lanex Lead Lead subacetate Lead, tetraethyt- Lindane Linuron Londax Londax Londax Londax Londax Londax Maleic anhydride Maleic hydrazide Maneb	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide Kerosene Kerosene  Lactofen Bulachlor Fluometuron Methornyl Lasiocarpine Alachlor Lead Lead acutate Lead acutate Lead subacetate Tetraethyl lead gamma-BHC (Lindane) Linuron Londax Chloryrifos  Malathion Maleic anhydride Maleic hydrazide Maneb	82558-50-7    68085-85-8     330-54-1     143-50-0     23950-58-5     8008-20-6     8008-20-6     8008-20-6     77501-63-4     23184-66-9     2164-17-2     16752-77-5     303-34-4     15972-60-8     7439-92-1     301-04-2     1335-32-6     78-00-2     58-89-9     330-55-2     83055-99-6     2921-88-2     121-75-5     108-31-6     123-33-1     12427-38-2
L	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lannate Lasiocarpine Lasso Lead Lead subacetate Lead, telraethyt- Lindane Linuron Londax Lorsban  Matathion Maleic anhydride Maleic hydrazide Maneb Manganese	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide Kerosene Kerosene Kerosene Lactofen Butachlor Fluometuron Methornyl Lasiocarpine Alachlor Lead Lead acetate Lead subacetate Tetraethyl lead gamma-BHC (Lindane) Linuron Londax Chlorpyrifos  Malathion Maleic anhydride Maleic hydrazide Maneb	82558-50-7  68085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  8008-20-6  8008-20-6  177501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4  15972-60-8  7439-92-1  301-04-2  1335-32-6  78-00-2  58-89-9  330-55-2  83055-99-6  2921-88-2  121-75-5  108-31-6  122427-38-2  7439-96-5
L	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lannate Lasiocarpine Lasso Lead Lead subacetate Lead subacetate Lead, tetraethyt- Lindane Linuron Londax Lorsban  Malathion Maleic anhydride Maneb Manes Manganese Manzate	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide Kerosene Kerosene Kerosene Lactofen Butachlor Fituometuron Methornyl Lasiocarpine Alachlor Lead Lead acetate Lead subacetate Tetraethyl lead gamma-BHC (Lindane) Linuron Londax Chlorpyrifos  Malathion Maleic anhydride Maleic hydrazide Maneb Manganese Maneb	82558-50-7  68085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  8008-20-6  77501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4  15972-60-8  7439-92-1  301-04-2  1335-32-6  78-00-2  58-89-9  330-55-2  83055-99-6  2921-88-2  121-75-5  108-31-6  123-33-1  12427-38-2
L	Isoxaben  Karate Karmex Kepone Kerb Kerosene Kerosine  Lactofen Lambast Lanex Lannate Lasiocarpine Lasso Lead Lead subacetate Lead, telraethyt- Lindane Linuron Londax Lorsban  Matathion Maleic anhydride Maleic hydrazide Maneb Manganese	Organic	Isoxaben  Cyhalothrin Diuron  Kepone Pronamide Kerosene Kerosene Kerosene Lactofen Butachlor Fluometuron Methornyl Lasiocarpine Alachlor Lead Lead acetate Lead subacetate Tetraethyl lead gamma-BHC (Lindane) Linuron Londax Chlorpyrifos  Malathion Maleic anhydride Maleic hydrazide Maneb	82558-50-7  68085-85-8  330-54-1  143-50-0  23950-58-5  8008-20-6  8008-20-6  8008-20-6  8008-20-6  177501-63-4  23184-66-9  2164-17-2  16752-77-5  303-34-4  15972-60-8  7439-92-1  301-04-2  1335-32-6  78-00-2  58-89-9  330-55-2  83055-99-6  2921-88-2  121-75-5  108-31-6  122427-38-2  7439-96-5

MCPA         Organic         MCPB           MCPP         Organic         MCPB           MCPP         Organic         MCPP           MEA         Organic         Ethanolamine           Me+A-alpha-C         Organic         Me-A-alpha-C           MeHg         Organic         Methyl mercury           MEK         Organic         Methyl ethyl ethyl ethone           Mepiqual chloride         Organic         Melphalan           Mercuric chloride         Inorganic         Mercuric chloride           Mercury, inorganic         Inorganic         Mercury, inorganic           Mercury, methyl         Organic         Methyl mercury           Merphos         Organic         Methyl mercury           Merphos oxide         Organic         Merphos oxide           Mesityl oxide         Organic         Mesityl oxide           Mesityl oxide         Organic         Mesityl oxide           Metalaxyl         Organic         Metalaxyl           Metalaxyl         Organic         Methalaxyl           Methalaxyl orbiritie         Organic         Methacrylonitrile           Methanidophos         Organic         Methamidophos           Methanidenbyos         Organic         Formaldeh	94-74-6 94-81-5 93-65-2 141-43-5 68006-83-7 22967-92-6 78-93-3 148-82-3 24307-26-4 7487-94-7 7439-97-6 12967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
MCPB         Organic         MCPB           MCPP         Organic         MCPP           MEA         Organic         MeA-alpha-C           MeHg         Organic         Methyl mercury           MEK         Organic         Methyl ethyl ketone           Melyhatan         Organic         Methylatah (Melphatan)           Mercuric chloride         Inorganic         Mercuric chloride           Mercury, inorganic         Inorganic         Mercury, inorganic           Merphos         Organic         Methyl mercury           Merphos oxide         Organic         Merphos oxide           Mesityl oxide         Organic         Merphos oxide           Mesityl ene         Organic         Mesityl oxide           Metataxyl         Organic         Metataxyl           Metasulfuron methyl ester         Organic         Ally           Methacrylonitrile         Organic         Ally           Methamidophos         Organic         Formaldehyde           Methanidophos         Organic         Formaldehyde           Methanecarboxamide         Organic         Acetamide	94-81-5 93-65-2 141-43-5 68006-83-7 22967-92-6 78-93-3 148-82-3 24307-26-4 7487-94-7 7439-97-6 22967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
MCPP         Organic         MCPP           MEA         Organic         Ethanolamine           Me-Aalpha-C         Me-Aalpha-C         Me-Aalpha-C           Methg         Organic         Methyl mercury           MEK         Organic         Methyl ethyl ethyl ketone           Melphatan         Organic         Melphatan           Merphos         Organic         Mercuric chloride           Mercury, inorganic         Inorganic         Mercury, inorganic           Mercury, methyl         Organic         Methyl mercury           Merphos oxide         Organic         Merphos           Mesityl oxide         Organic         Merphos oxide           Mesityl oxide         Organic         Mesityl oxide           Mestalaxyl         Organic         Ally           Metasulfuron methyl ester         Organic         Ally           Methacrylonitrile         Organic         Methacrylonitrile           Methallyl chloride         Organic         Allynon-9-ethylcarbazole hydrochloride           Methamidophos         Organic         Formaldehyde           Methamidophos         Organic         Formaldehyde           Methamidophos         Organic         Acelamide	93-65-2 141-43-5 68006-83-7 22967-92-6 78-93-3 148-82-3 24307-26-4 7487-94-7 7439-97-6 22967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
MEA Organic Ethanolamine  Me-A-alpha-C Organic Me-A-alpha-C Methyl Mercury MEK Organic Methyl teltyl ketone Methylatan Organic Methyl ethyl ketone Mercuric chloride Organic Mercury, methyl Mercury, methyl Mercury, methyl Mercury, methyl Organic Mercury Merphos Organic Mercury Merphos Organic Merphos Organic Merphos Organic Mercury Merphos oxide Organic Merphos oxide Organic Mercury Mesityl oxide Organic Mesityl oxide Organic Methyl mercury Methyl Organic Methyl mercury Methyl Organic Merphos oxide Organic Methyl mercury Methyl Organic Methyl mercury Methyl Organic Methyl mercury Methacyl Organic Methacyl Methacyl Organic Methacyl Organic Methacyl Organic Methanologhos Organic Formaldehyde Methanologhos Organic Formaldehyde	141-43-5 68006-83-7 22967-92-6 78-93-3 148-82-3 24307-26-4 7487-94-7 7439-97-6 22967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
Me-A-alpha-C     Organic     Me-A-alpha-C       MeHg     Organic     Methyl mercury       MEK     Organic     Methyl einyl ketone       Melphatan     Organic     Methyl einyl ketone       Mepiquat chloride     Organic     Mepiquat chloride       Mercuric chloride     Inorganic     Mercuric chloride       Mercury, inorganic     Inorganic     Mercury, inorganic       Merphos     Organic     Methyl mercury       Merphos     Organic     Methyl mercury       Merphos oxide     Organic     Merphos oxide       Mesityl oxide     Organic     Mesityl oxide       Mesitylene     Organic     Meslayl oxide       Metalaxyl     Organic     Metalaxyl       Metalaxyl     Organic     Ally       Methacrylonitrile     Organic     3-Amino-9-ethylcarbazole hydrochloride       Methanidophos     Organic     Formaldehyde       Methanecarboxamide     Organic     Formaldehyde	68006-83-7 22967-92-6 78-93-3 148-82-3 24307-26-4 7487-94-7 7439-97-6 22967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
MeHg Methy Methylam Mepiquat chloride Mercury, inorganic Mercury, methyl Merphos Merphos Merphos Merphos Merphos Merphos Merphos Merphos Mersury Merphos Merph	22967-92-6 78-93-3 148-82-3 24307-26-4 7487-94-7 7439-97-6 22967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
MEK         Organic         Methyl ethyl ethyl ethone           Mejphatan         Organic         Melphatan           Mepiquat chloride         Organic         Mepiquat chloride           Mercuric chloride         Inorganic         Mercuric chloride           Mercury, inorganic         Inorganic         Mercuric, chloride           Merphos         Organic         Methyl mercury           Merphos oxide         Organic         Merphos oxide           Mesilyl oxide         Organic         Merphos oxide           Mesilyl oxide         Organic         Mesilyl oxide           Mesilyl oxide         Organic         Melavilyl oxide           Metalaxyl         Organic         Melavilyl oxide           Metasulfuron methyl ester         Organic         Ally           Methacrylonitrile         Organic         Ally           Methanidophos         Organic         3-Amino-9-ethylcarbazole hydrochloride           Methanidophos         Organic         Formaldehyde           Methanidophos         Organic         Formaldehyde           Methanidophos         Organic         Formaldehyde	78-93-3 148-82-3 24307-26-4 7487-94-7 7439-97-6 22967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
Merphalam     Organic     Melphalan       Mepiquat chloride     Organic     Mepiquat chloride       Mercuric chloride     Inorganic     Mercury, imorganic       Mercury, imorganic     Inorganic     Methyl mercury       Merphos     Organic     Merphos       Merphos oxide     Organic     Merphos oxide       Mesilyl oxide     Organic     Mesilyl oxide       Mesilylene     Organic     Meslaxyl oxide       Metalaxyl     Organic     Metalaxyl       Metasulfuron methyl ester     Organic     Ally       Methacrylonitrile     Organic     Methacrylonitrile       Metharridophos     Organic     3-Amino-9-ethylcarbazole hydrochloride       Methanal     Organic     Formaldehyde       Methanecarboxamide     Organic     Acetamide	148-82-3 24307-26-4 7487-94-7 7439-97-6 22967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
Mepiquat chloride     Organic     Mepiquat chloride       Mercuric chloride     Inorganic     Mercuric chloride       Mercury, inorganic     Inorganic     Mercury, inorganic       Mercury, methyl     Organic     Methyl mercury       Merphos     Organic     Merphos       Merphos oxide     Organic     Merphos oxide       Mesityl oxide     Organic     Mesityl oxide       Mesitylene     Organic     Mesityl oxide       Metalaxyl     Organic     Metalaxyl       Metasulfuron methyl ester     Organic     Ally       Methacrylonitrile     Organic     3-Amino-9-ethylcarbazole hydrochloride       Methanidophos     Organic     Formaldehyde       Methanear     Organic     Formaldehyde       Methanecarboxamide     Organic     Acetamide	24307-26-4 7487-94-7 7439-97-6 22967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
Mercuric chloride         Inorganic         Mercury, inorganic         Methyl mercury         Methyl mercury           Merphos         Organic         Merphos         Merphos         Organic         Merphos oxide           Mesityl oxide         Organic         Mesityl oxide         Organic         Mesityl oxide           Mesitylene         Organic         1,3,5-Trimethylbenzene         Organic         Ally           Metasulfuron methyl ester         Organic         Ally         Ally           Methacrylonitrile         Organic         3-Amino-9-ethylcarbazole hydrochloride           Methamidophos         Organic         Wethamidophos           Methanal         Organic         Formaldehyde           Methanecarboxamide         Organic         Acetamide	7487-94-7 7439-97-6 22967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
Mercury, inorganic         Inorganic         Mercury, inorganic           Mercury, methyl         Organic         Methyl mercury           Merphos oxide         Organic         Merphos oxide           Mesilyl oxide         Organic         Mesilyl oxide           Mesilylene         Organic         1,3,5-Trimethylbenzene           Metalaxyl         Organic         Metalyl           Metasulfuron methyl ester         Organic         Allyl           Methacrylonitrile         Organic         Methacrylonitrile           Methanidophos         Organic         3-Amino-9-ethylcarbazole hydrochloride           Methanid         Organic         Formaldehyde           Methanidehos         Organic         Formaldehyde           Methanidehos         Organic         Acetamide	7439-97-6 22967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
Mercury, methyl         Organic         Methyl mercury           Merphos         Organic         Merphos           Merphos oxide         Organic         Merphos oxide           Mesityl oxide         Organic         Merphos oxide           Mesitylene         Organic         1,3,5-Trimethylbenzene           Metalaxyl         Organic         Metalaxyl           Metasulfuron methyl ester         Organic         Ally           Methacrylonitrile         Organic         Methacrylonitrile           Methallyl chloride         Organic         3-Amino-9-ethylcarbazole hydrochloride           Methamidophos         Organic         Methamidophos           Methamidophos         Organic         Formaldehyde           Methamecarboxamide         Organic         Acetamide	22967-92-6 150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
Merphos         Organic         Merphos           Merphos oxide         Organic         Merphos oxide           Mesilyl oxide         Organic         Mesilyl oxide           Mesilyl oxide         Organic         Mesilyl oxide           Metalaxyl         Organic         Metalaxyl           Metasulfuron methyl ester         Organic         Ally           Methacrylonitrile         Organic         Methacrylonitrile           Methallyl chloride         Organic         3-Amino-9-ethylcarbazole hydrochloride           Methanal         Organic         Formaldehyde           Methanecarboxamide         Organic         Acetamide	150-50-5 78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
Merphos oxide         Organic         Merphos oxide           Mesityl oxide         Organic         Mesityl oxide           Mesitylene         Organic         1,3,5-Trimethylbenzene           Metalaxyl         Organic         Metalaxyl           Metalaxyl setter         Organic         Ally           Methacrylonitrile         Organic         Methacrylonitrile           Methallyl chloride         Organic         3-Amino-9-ethylcarbazole hydrochloride           Methanidophos         Organic         Formaldehybos           Methanel         Organic         Formaldehyde           Methanecarboxamide         Organic         Acetamide	78-48-8 141-79-7 108-67-8 57837-19-1 74223-64-6
Mesityl oxide         Organic         Mesityl oxide           Mesitylene         Organic         1,3,5-Trimethylbenzene           Metalaxyl         Organic         Allaxyl           Metasulfuron methyl ester         Organic         Ally           Methacrylonitrile         Organic         Methacrylonitrile           Methallyl chloride         Organic         3-Amino-9-ethylcarbazole hydrochloride           Methamidophos         Organic         Methamidophos           Methanal         Organic         Formaldehyde           Methanidehyde         Organic         Acetamide	141-79-7 108-67-8 57837-19-1 74223-64-6
Mesitylene     Organic     1,3,5-Trimethylbenzene       Metalaxyl     Organic     Metalaxyl       Metasulfuron methyl ester     Organic     Ally       Methacrytonitrile     Organic     Methacrytonitrile       Methallyl chloride     Organic     3-Amino-9-ethylcarbazole hydrochloride       Methamidophos     Organic     Methamidophos       Methamidophos     Organic     Formaldehyde       Methamecarboxamide     Organic     Acetamide	108-67-8 57837-19-1 74223-64-6
Metalaxyl     Organic     Metalaxyl       Metasulfuron methyl ester     Organic     Ally       Methacrytonitrile     Organic     Methacrytonitrile       Methallyl chloride     Organic     3-Amino-9-ethylcarbazole hydrochloride       Methamidophos     Organic     Methamidophos       Methamidophos     Organic     Methamidophos       Methamidophos     Organic     Formaldehyde       Methamidophos     Organic     Acetamide	57837-19-1 74223-64-6
Metasulfuron methyl ester         Organic         Ally           Methacryjonitrile         Organic         Methacryjonitrile           Methallyl chloride         Organic         3-Amino-9-ethylcarbazole hydrochloride           Methamidophos         Organic         Methamidophos           Methanal         Organic         Formaldehyde           Methanecarboxamide         Organic         Acetamide	74223-64-6
Methacrylonitrile     Organic     Methacrylonitrile       Methallyl chloride     Organic     3-Amino-9-ethylcarbazole hydrochloride       Methanidophos     Organic     Methamidophos       Methanal     Organic     Formaldehyde       Methanecarboxamide     Organic     Acetamide	
Methallyl chloride     Organic     3-Amino-9-ethylcarbazole hydrochloride       Methamidophos     Organic     Methamidophos       Methanal     Organic     Formaldehyde       Methanecarboxamide     Organic     Acetamide	
Methamidophos     Organic     Methamidophos       Melhanal     Organic     Formaldehyde       Methanecarboxamide     Organic     Acetamide	126-98-7
Melhanal     Organic     Formaldehyde       Methanecarboxamide     Organic     Acetamide	6109-97-3
Methanecarboxamide Organic Acetamide	10265-92-6
	50-00-0
	60-35-5
Methanes, halo-  Organic  Bromochloromethane	74-97-5
Bromodichloromelhane	75-27-4
Bromotorm	75-25-2
Bromomethane	74-83-9
Carbon tetrachloride	56-23-5
Chloroform	67-66-3
Chloromethane	74-87-3
Dibromochloromethane	124-48-1
Dichlorodifluoromethane	75-71-8
Dichloromethane	75-09-2
Halomethanes	
lodoform	75-47-8
Trichlorofluoromethane	75-69-4
Methanethiol Organic Methyl mercaptan	74-93-1
Methanol Organic Methanol	67-56-1
Methidathion Organic Methidathion	950-37-8
Methomyl Organic Methomyl	16752-77-5
o-Methoxyaniline Organic o-Anisidine	90-04-0
4-Methoxy-1,3-benzenediamine Organic 2,4-Diaminoanisole	615-05-4
Methoxychlor Organic Methoxychlor	72-43-5
Methoxyphenylenediamine Organic 2,4-Diaminoanisole	615-05-4
Methoxypropazine Organic Prometon	1610-18-0
Methyl acetate Organic Methyl acetate	79-20-9
beta-Methyl acrolein Organic trans-Crotonaldehyde	4170-30-3
Methyl acrylate Örganic Methyl acrylate	96-33-3
Methyl acrylonitrile Organic Methyl acrylonitrile	126-98-7
Methyl alcohol Organic Methanol	67-56-1
Methylamine Organic Methylamine	74-89-5
Methyl ((4-aminophenyl)sulfonyl)carbamate Organic Asulam	3337-71-1
Methylamyl alcohol Organic Methyl isobutyl carbinol	108-11-2
Methyl n-amyl ketone Organic Methyl n-amyl ketone	110-43-0
N-Methylaniline Organic N-Methylaniline	100-61-8
5-Methyl-o-anisidine Organic p-Cresidine	120-71-8
2. Methyl-1-anthraquinonylamine Organic 1-Amino-2-methylanthraquinone	82-28-0
2-Mathylaziridine Organic Propyleneimine Organic Propyleneimine	75-55-8
Methylbarzene Organic Tollene	108-88-3
Methyl bromide Organic Bromomethane	74-83-9
Organic   Isoamyl alcohol   Organic   Organi	123-51-3
3-Methyl-2-butanone Organic Methyl isopropyl ketorje	563-80-4
Methyl -butyl ether (MIBE) Organic   Methyl   -butyl ether (MIBE)	1634-04-4
Methyl n-butyl ketone   Organic   Methyl n-butyl ketone   Organic   Methyl n-butyl ketone	591-78-6
Methyl chloride Organic Chloromethane	74-87-3
Methyl chloroform Organic 1,1,1-Trichloroethane	71-55-6
Methylchtoromethyl ether Organic Chloromethyl methyl ether	107-30-2
	1570-64-5
3-Methyl-4-chlorophenol Organic 4-Chloro-m-cresol	59-50-7
3-Methyl-6-chlorophenol Organic 6-Chloro-m-cresol	
2-Methyl-4-chlorophenoxyacetic acid Organic MCPA	94-74-6
4-(2-Methyl-4-chlorophenoxy)butyric acid Organic MCPB	94-81-5
2-(2-Methyt-4-chlorophenoxy)propionic acid Organic MCPP	93-65-2
3-Methylcholanthrene Organic 3-Methylcholanthrene	56-49-5
5-Methylchrysene Organic 5-Methylchrysene	3697-24-3
Methylcyclohexane Organic Methylcyclohexane	108-87-2
cis-3-Methylcyclohexanol Organic cis-3-Methylcyclohexanol	25639-42-3
2-Methyl-4,6-dinitrophenol Organic   4,6-Dinitro-o-cresol	534-52-1
4.4'-Methylenebis(2-chloroaniline) Organic 4.4'-Methylenebis(2-chloroaniline)	101-14-4
14 41 Mathoday abite/M1 M1 at 1 (0.10 m) 10 m	
4,4'-Methylenebis(N,N-dimethyl)aniline     Organic     4,4'-Methylenebis(N,N-dimethyl)aniline       4,4'-Methylenebis(N,N-dimethyl)benzeneamine     Organic     4,4'-Methylenebis(N,N-dimethyl)aniline	101-61-1

CONSTITUENT		See Listing(s) Under:	CASNO
,4'-Methylenebis(2-methylanitine)		4,4'-Methylenebis(2-methylaniline)	838-88-0
lethylenebis(ortho-toluidine)		4,4'-Methylenebis(2-methylaniline)	838-88-0
Methylene blue active substances		Foaming agents (MBAS)	
fethylene chloride	Organic	Dichloromethane	75-09-2
,4'-Methylenedianiline	Organic	4,4'-Methylenedianiline	101-77-9
,4'-Methylenedianiline dihydrochloride	Organic	4,4'-Methylenedianiline dihydrochloride	13552-44-8
.2-(Methylenedioxy)-4-propylbenzene		Dihydrosafrole	
fethyl ethyl ketone		Methyl ethyl ketone	94-58-6
			78-93-3
lethyl ethyl nitrosamine		N-Nitrosomethylethylamine	10595-95-6
lethyl formate		Methyl formate	107-31-3
-Methyl-3-heptanone	Organic	Ethyl n-arnyl ketone	106-68-3
-Melhyl-2-hexanone	Organic	Methyl isoamyl ketone	110-12-3
lethylhydrazine	Organic	Methylhydrazine	60-34-4
lethylhydrazine sulfate		Methylhydrazine sulfate	00-34-4
lethyl isoamyl ketone			
	Organic	Methyl isoamyl ketone	110-12-3
lethyl isobutenyf ketone		Mesityl oxide	141-79-7
lethyl isobutyl carbinol	Organic	Methyl isobutyl carbinol	108-11-2
lethyl isobutyl ketone (MIBK)	Organic	Methyl isobutyl ketone (MIBK)	108-10-1
Methyl-2-(p-(isopropylcarbamoyl)benzyl)hydrazine	Organic	Procarbazine	671-16-9
lethyl isopropyl kelone		Methyl isopropyl ketone	563-80-4
ethyl mercaptan	Organic	Methyl mercaptan	
			74-93-1
lethyl mercury	Organic	Methyl mercury	22967-92-6
ethyl methacrylate	Organic	Methyl methacrylate	80-62-6
ethyl methanesulfonate	Organic	Methyl methanesulfonate	66-27-3
Methyl-1-nitroanthraquinone	Organic	2-Methyl-1-nitroanthraquinone	129-15-7
-Methylnitrobenzene		m-Nitrotoluene	1321-12-6
-Methyl-N'-nitro-N-nitrosoquanidine		N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7
lethylnitrosourea		N-Nitroso-N-methylurea	
			684-93-5
lethylnitrosourethane		N-Nitroso-N-methylurethane	615-53-2
-Methylolacrylamide		N-Methylolacrylamide	924-42-5
lethyl parathion	Organic	Methyl parathion	298-00-0
Methyl-2-pentanol	Organic	Methyl isobutyl carbinol	108-11-2
-Methyl-2-pentanone		Methyl isobutyl ketone (MIBK)	108-10-1
Methylphenol		o-Cresol	95-48-7
Methylphenol			
		m-Cresol	108-39-4
-Methylphenol		p-Cresol	106-44-5
lethyl n-propyl ketone •	Organic	Methyl n-propyl ketone	107-87-9
lethyl styrene	Organic	Vinyl toluene	25013-15-4
pha-Methylstyrene	Organic	alpha-Methylstyrene	98-83-9
-Methyl-4-tert-butylbenzene	Organic	p-tert-Butyltoluene	98-51-1
ethylthiofanate	Organic	Thiophanale-methyl	23564-05-8
lethylthiouracil		Methylthiouracil	56-04-2
lethyl vinyl nitrosamine		N-Nitrosomethylvinylamine	4549-40-0
lethyl yellow			
	Organic	4-Dimethylaminoazobenzene	60-11-7
Methyoxy-5-Methylaniline	Organic	p-Cresidine	120-71-8
etolachlor	Organic	Metolachlor	51218-45-2
etribuzin	Organic	Metribuzin	21087-64-9
etronidazole	Organic	Metronidazole	443-48-1
IAK		Methyl isoamyl kelone	110-12-3
IBC		Methyl isobutyl carbinol	108-11-2
IBK		Methyl isobutyl ketone (MIBK)	108-10-1
ichler's ketone		Michler's ketone	90-94-8
ichler's methane		4.4'-Methylenebis(N,N-dimethyl)aniline	101-61-1
<u>IH</u>		Procarbazine	671-16-9
ilogard	Organic	Propazine	139-40-2
irex	Organic		2385-85-5
itomycin C		Mitomycin C	50-07-7
itoxan	Organic	Cyclophosphamide	50-18-0
		<del> </del>	
MS		Methyl methanesulfonate	66-27-3
<u>n</u>		Manganese	7439-96-5
NNG	Organic	N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7
NU	Organic	N-Nitroso-N-methylurea	684-93-5
0		Molybdenum	7439-98-7
olinate		Molinate	2212-67-1
olybdenum		Molybdenum	7439-98-7
oncut	Organic	Flutolanil	66332-96-5
onitor	Organic	Methamidophos	10265-92-6
onochloramine	Inorganic	Chloramine	127-65-1
onochloroaceticacid	Organic	Chloroacetic acid	79-11-8
onochlorobenzene	Organic	Chlorobenzene	108-90-7
onocrotaline	Organic	Monocrotaline	315-22-0
onoethanolamine	Organic	Ethanolamine	141-43-5
ononitrophenols	Organic	Nitrophenol	25154-55-6
		2-Nitrophenol	25154-55-7
	1	4-Nitrophenol	25154-55-6
	1		
(Mornholizomathyl) 3/(5-pitrofurfundidaes) aminal 2 aval-lidinaes	Orozaio		130.01.3
(Morpholinomethyl)-3-[(5-nitrofurfurylidene)-amino]-2-oxalolidinone		5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)-amino)-2-oxalolidinone Methyl n-propyl ketone	139-91-3 107-87-9

Inorganic Sodium Organic Naled 7440-23-5 300-76-5

CONSTITUENT	Category	See Listing(s) Under:	CASNO
Vaphthalene	Organic	Naphthalene	91-20-3
Naphthalenes, chlorinated	Organic	Chlorinated naphthalenes	25586-43-0
		2-Chlorohaphthalene	25586-43-0
2-Naphthalenesulfonic acid	Organic	Direct Black 38	1937-37-7
2-Naphthylamine	Organic	2-Naphthylamine	91-59-8
peta-Naphthylamine	Organic	2-Naphthylamine	91-59-8
Napropamide	Organic	Napropamide	15299-99-7
NDMA	Organic	N-Nitrosodimethylamine	62-75-9
NDPA	Organic	N-Nitrosodiphenylamine	86-30-6
Vernacur	Organic	Fenamiphos	22224-92-6
Neocido!	Organic	Diazinon	333-41-5
VF 246	Organic		555-84-0
VFTA	Organic	N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	531-82-8
vH₂CI	Inorganic		127-65-1
NH <sub>3</sub>		Ammonia	7664-41-7
NH₄ (ammonium)	Inorganic	<del> </del>	7664-41-7
Vi	Inorganio		7440-02-0
Nickel	Inorganic		7440-02-0
Nickel carbonyl	tnorganic	Nickel carbonyl	13463-39-3
Nickel subsulfide	Inorganic	Nickel subsulfide	12035-72-2
Vifuradene	Organic	1-[(5-Nitrofurlurylidene)-amino]-2-imidazolidinone	555-84-0
Nifurthiazole	Organic	2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	3570-75-0
Vitralin	Organic		4726-14-1
Vitrate	Inorganic		14797-55-8
Nitrilotriacetate, trisodium monohydrate	Organic	Nitrilotriacetate, trisodium monohydrate	18662-53-8
Vitrilotriacetic acid	Organic	Nitrilotriacetic acid	139-13-9
Nitrite	Inorganic	Nitrite	14797-65-0
5-Nitroacenaphthene	Organic	5-Nitroacenaphthene	602-87-9
5-Nitro-o-anisidine	Organic	5-Nitro-o-anisidine	99-59-2
Vitrobenzene	Organic	Nitrobenzene	98-95-3
5-Nitrochrysene	Organic	6-Nitrochrysene	7496028
Nitroethane	Organic	Nitroethane	79-24-3
Vitrofen	Organic	Nitrofen	1836-75-5
litrofene	Organic	Nitrofen	1836-75-5
-Nitrofluorene	Organic	2-Nitrofluorene	607-57-8
litrofurazone	Organic	Nitrofurazone	59-87-0
-{(5-Nitrofurfurylidene}-amino}-2-imidazolidinone	Organic	1-[(5-Nitrofurfurylidene)-arnino]-2-imidazolidinone	555-84-0
N-[4-(5-Nitro-2-furyl)-2-thiazolyl acetamide	Organic	N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	531-82-8
litroguanidine	Organic	Nitroguanidine	556-88-7
Hitromethane	Organic	Nitromethane	75-52-5
Nitrophenol	Organic	Nitrophenol	25154-55-6
• • •	3	2-Nitrophenol	25154-55-7
	1	4-Nitrophenol	25154-55-6
-Nitrophenol	Organic	2-Nitrophenol	25154-55-7
-Nitrophenot	Organic	4-Nitrophenol	25154-55-8
Nitrophenol	Organic	2-Nitrophenol	25154-55-7
-Nitrophenol	Organic	4-Nitrophenol	25154-55-8
fitrophenols	Organic	4,6-Dinitro-o-cresol	534-52-1
	) 0.920	2,4-Dinitrophenol	51-28-5
	i	Dinitrophenols	25550-58-7
		Nitrophenol	25154-55-6
	1	2-Nitrophenol	25154-55-7
		4-Nitrophenol	25154-55-8
	{	Nitrophenols	Z3134-55-8
	İ	Trinitrophenol	88-89-1
-Nitropropane	Organia	1-Nitroprenoi	
-Nitropropane	Organic		108-03-2
	Organic	2-Nitropropane	79-46-9
Nitropyrene	Organic	1-Nitropyrene	5522-43-0
Nitropyrene	Organic	4-Nitropyrene	57835-92-4
itrosamines	Organic	Nitrosamines	
		N-Nitrosodi-n-butylamine	924-16-3
		N-Nitrosodiethanolamine	1116-54-7
		N-Nitrosodiethylaminė	55-18-5
	Į i	N-Nitrosodimethylamine	62-75-9
		N-Nitrosodiphenylamine	86-30-6
		p-Nitrosodiphenylamine	156-10-5
		N-Nitrosodipropylamine	621-64-7
		N-Nitrosomethylethylamine	10595-95-6
	ľ	N-Nitrosomethylvinylamine	4549-40-0
APA		N-Nitrosopyrrolidine	930-55-2
-Nitrosodi-n-butylamine	Organic	N-Nitrosodi-n-butylamine	924-16-3
Nitrosodiethanolamine	Organic	N-Nitrosodiethanolamine	1116-54-7
Nitrosodiethylamine	Organic	N-Nitrosodiethylamine	55-18-5
-Nitrosodimethylamine		N-Nitrosodimethylamine	62-75-9
Nitrosodiphenylamine	Organic	N-Nitrosodiphenylamine	86-30-6
Nitrosodiphenylamine	Organic	p-Nitrosodiphenylamine	156-10-5
-Nitrosodipropylamine		N-Nitrosodipropylamine	621-64-7
-Nitrosodi-n-propylamine		N-Nitrosodipropylamine	621-64-7
	Organic	N-Nitroso-N-ethylurea	759-73-9
-Nitroso-N-ethylurea -Nitrosomethylethylamine		N-Nitroso-N-ethylurea N-Nitrosomethylethylamine	759-73-9 10595-95-6
-Nitroso-N-ethylurea	Organic		

-	CONSTITUENT	Category	See Listing(s) Under:	CAS No.
	N-Nitroso-N-methylurea	Organic	N-Nitroso-N-methylurea	684-93-5
	N-Nitroso-N-methylurea		N-Nitroso-N-methylurea	684-93-5
	N-Nitroso-N-methyturethane		N-Nitroso-N-methylurethane	615-53-2
1	N-Nitrosomethylvinytamine		N-Nitrosomethylvinylamine	4549-40-0
	N-Nitrosomorpholine N-Nitrosonomicotine	Organic	N-Nitrosomorpholine	59-89-2
	N-Nitrosopiperidine		N-Nitrosonornicotine N-Nitrosopiperidine	16543-55-8
	N-Nitrosopyrrolidine		N-Nitrosopyrrolidine	100-75-4 930-55-2
	N-Nitrososarcosine		N-Nitrososarcosine	13256-22-9
	m-Nitrotoluene	Organic	m-Nitrotoluene	1321-12-6
	NO <sub>1</sub>	Inorganic		14797-65-0
	NO <sub>3</sub>	Inorganic		14797-55-8
	Nonachlor trans-Nonachlor	Organic	trans-Nonachlor	39765-80-5
	Nonane	Organic Organic	Irans-Nonachlor Nonane	39765-80-5
i	Nonylphenol		Nonylphenol	111-84-2 104405; 136834
	Norflurazon		Norflurazon	27314-13-2
	NPN		n-Propyl nitrate	627-13-4
į	NTA	Organic	Nitrilotriacetic acid	139-13-9
	NTA /		Nitrilotriacetate, trisodium monohydrate	18662-53-8
	NuStar	Organic	NuStar	85509-19-9
1				
	0,		Oxygen, dissolved	7782447
	O <sub>3</sub> Ochratoxin A	Inorganic		10028-15-6
j	Octabromodiphenyl ether		Ochratoxin A Octabromodiphenyl ether	303-47-9
	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	Organic	HMX	32536-52-0 2691-41-0
	Octane	Organic		111-65-9
	Odor	Inorganic		1
	Oil	Organic	Oil & grease	
į	Oil & grease		Oil & grease	
	Omite		Propargile	2312-35-8
	Ordram		Molinate	2212-67-1
	Orthocide Orthococcust	Organic	Captan	133-06-2
i	Ortho paraquat Oryzalin		Paraquat Oryzalin	1910-42-5 19044-88-3
	Osmium tetroxide	Inorganic	Osmium tetroxide	20816-12-0
1	OsO.		Osmium tetroxide	20816-12-0
	Oxadiazon		Oxadiazon	19666-30-9
	Oxamyl	Organic	Oxamyl	23135-22-0
	Oxirane		Ethylene oxide (ETO)	75-21-8
	2,2'-Oxybis(1-chloropropane)		Bis(2-chloroisopropyl) ether	39638-32-9
	Oxychlordane		Oxychlordane	27304-13-8
	4.4'-Oxydianiline Oxyfluorlen		4,4'-Diaminodiphenyl ether Oxyfluorlen	101-80-4 42874-03-3
1	Oxygen, dissolved		Oxygen, dissolved	7782447
	Ozone	Inorganic		10028-15-6
	P	Inorganic	Phosphorus	7723-14-0
	Paclobutrazol		Paclobulrazol	76738-62-0
	PAHs	Organic	Acenaphthene	83-32-9
			Acenaphthylene	208-96-8
ı		1	Anthracene	120-12-7 56-55-3
ì		1	Benz(a)anthracene Benzo(b)fluoranthene	205-99-2
		l	Benzo(j)fluoranthene	205-82-3
		1	Benzo(k)fluoranthene	207-08-9
		1	Benzo(g,h,i)perylene	191-24-2
		ĺ	Benzo(a)pyrene	50-32-8
		]	Chrysene	218-01-9
		1	Dibenz(a,h)anthracene	53-70-3
١		}	7H-Dibenzo(c,g)carbazole	194-59-2
			Dibenzo(a,e)pyrene	192-65-4
1			Dibenzo(a,h)pyrene Dibenzo(a,i)pyrene	189-55-9
		1	Dibenzo(a,i)pyrene	191-30-0
			7,12-Dimethylbenz(a)anthracene	57-97-6
			Fluoranthene	206-44-0
		Į.		86-73-7
			Fluorene	
			Indeno(1,2,3-c,d)pyrene	193-39-5
			Indeno(1,2,3-c,d)pyrene PAHs	193-39-5
			Indeno(1,2,3-c,d)pyrene PAHs Phenanthrene	193-39-5 85-01-8
			Indeno(1,2,3-c,d)pyrene PAHs Phenanthrene Pyrene	193-39-5
	Paraffins, chlorinated	Organic	Indeno(1,2,3-c,d)pyrene PAHs Phenanthrene Pyrene Chlorinated paraffins	193-39-5 85-01-8 129-00-0
	Paraquat	Organic	Indeno(1,2,3-c,d)pyrene PAHs Phenanthrene Pyrene Chlorinated paraffins Paraqual	193-39-5 85-01-8 129-00-0
	Paraquat Parathion	Organic Organic	Indeno(1,2,3-c,d)pyrene PAHs Phenanthrene Pyrene Chlorinated paraffins Paraquat Parathion	193-39-5 85-01-8 129-00-0 1910-42-5 56-38-2
	Paraquat	Organic Organic Organic	Indeno(1,2,3-c,d)pyrene PAHs Phenanthrene Pyrene Chlorinated paraffins Paraqual Parathion Methyl parathion	193-39-5 85-01-8 129-00-0
	Paraquat Parathion Parathion-methyl Pb PBBs	Organic Organic	Indeno(1,2,3-c,d)pyrene PAHs Phenanthrene Pyrene Chlorinated paraffins Paraqual Parathion Methyl parathion	193-39-5 85-01-8 129-00-0 1910-42-5 56-38-2 298-00-0
	Peraquat Parathion Parathion-methyl Pb	Organic Organic Organic Inorganic Organic Organic	Indeno(1,2,3-c,d)pyrene PAHs Phenanthrene Pyrene Chlorinated paraffins Paraqual Parathion Methyl parathion Lead	193-39-5 85-01-8 129-00-0 1910-42-5 56-38-2 298-00-0

Dept.   Open.   Open.   Dept.   Dept	CONSTITUENT	Category	See Listing(s) Under:	CAS No.
Programme	PCNB	Organic	Pentachloronitrobenzene	82-68-8
PRESS	PCP	Organic	Pentachlorophenol	
Personal Professional Company         Opposite Professional Company         Control Control Control Control Control Control Control Control Control Control Control Control Control Control C	PDB	Organic	1,4-Dichlorobenzene	
Parable         Oppose         Personation of Comment         \$25.45.15           Personation of Comment         Oppose         10.254.15         25.45.15           Personation of Comment         Oppose         10.254.15         25.45.15           Prescrictor of Comment         Oppose         10.254.25         25.255.25           Prescrictor of Comment         Oppose         10.254.25         25.255.25           Personation         Oppose         10.255.25         25.255.25	Pendimethalin	Organic	Pendimethalin	
Parable condition   Capacity	Penta	Organic	Pentachlorophenol	
President Programme	Pentabromodiphenyl ether	Organic	Pentabromodiphenyl ether	
Primocologicarios	Pentachlorobenzene	Organic	Pentachlorobenzene	
Pages   Page	Pentachloroethane	Organic	Pentachloroethane	
Personal Congress   Organic   Organic   Organic   Organic   Colorate National   Organic   Orga	Pentachloronitrobenzene	Organic	Pentachloronitrobenzene	
Personal   Organic   Org	Pentachlorophenol	Organic	Pentachlorophenol	
Personal Process   Organic March   Organic M	Pentanal	Organic	n-Valeraldehyde	
Depart   Depart	Pentane	Organic	Pentane	
Special Companies	2-Pentanone		Methyl n-propyl ketone	
Perspectation				
Perchiforobateries				
Preprint	Perchlorobenzene			118-74-1
Perchiporenthron			<u> </u>	
Personal Program   Organic   Technique (P.C.E.)   127-154   127				
Personal				
Percentam   Ogasic   Percentam   S264-53.4				
Personal Common				
Sosine				
Monte	T all block my drocks bons	Organic		
Presence				
Phenocein	OH	Increase		8008-20-6
Phenantylories	)·			62 44 6
Phenanthrene   Organic   Phenanthrene   S5-01-8   Phenantorpyridine   Organic   Phenantorpyridine   Organic   Phenantorpyridine   Organic   Phenantorpyridine   Organic   Phenantorpyridine hydrochloride   Organic   Phenantorpyridine hydrochloride   Organic   Phenosphirah   Organic   Phenosphir				
Phenalogypridine			f	
Phenazopyndine hydrochloride   Organic   Phenazopyndine hydrochloride   354-010   Phenesterin				
Piemesterin				
Phennedspham   Organic   Phennedspham   13684-634   50-66     Phenold   Organic   Phenosabrital   50-66     Phenold   Organic   Phenold   108-95     Phenold   Organic   Phenold   108-95     Phenols, chlorinated   Organic   Phenold   108-95     Phenols, chlorinated   Organic   Phenold   108-95     Phenols, chlorinated   Organic   Phenold   108-95     Phenols   Phenold   95-57-8     Phenols   Phenold   95-57-8     Phenols   Phenold   95-57-8     Phenols   Phenold   108-430     Phenols   Phenols   Phenols   Phenols     Phenols   Ph				
Princotation   Organic   Princotation   108-52			† · · · · · · · · · · · · · · · · · · ·	
Phenols			<del> </del>	
Phenols, chlorinated   Phenols, chlorinated			<del></del>	
4-Chinoro-cresid   59-50-7				108-95-2
4-Chiero-cresol   1570-64-5	Phenois, chlorinated	Organic		
6-Chroro-m-cresol   95-57-8   2-Chrorophenol   95-57-8   3-Chrorophenol   95-57-8   3-Chrorophenol   106-48-9   106-48-9   2.3-Octolocophenol   106-48-9   107-56-0   3.4-Octolocophenol   106-57-2   106-56-0   106-56		1		
2-Chirocophenol   95-57-8				1570-64-5
3-Chiorophenol   108-43-0		1		
4-Chicrophenol		1		
2.3-0bchtorophenol   378-24-9   2.4-0bchtorophenol   320-36-2   2.5-0bchtorophenol   383-78-8   3.6-0bchtorophenol   377-2   3.6-0bchtorophenol   380-02   3.3-0bchtorophenol   353-95-5   3.2-3.6-1bchtorophenol   353-95-5   3.6-0bchtorophenol   380-02   3.6-1bchtorophenol   380-02   3.6-1bchtorophenol   380-02   3.6-1bchtorophenol   3128-5	<b> </b>	Y		
2.4-Dichtoophenol   120-83-2				
2.5-Dichtoophenol		1		576-24-9
2-6-Dichlorophenol   37-65-0   3-7-65-0   3-7-61-0   3-7-65-0   3-7-61-0   3-7-65-0   3-7-61-0   3-7-65-0   3-7-61-0   3-7-65-0		İ		
3.4-Dichtosphenol   9577-2				583-78-8
Pentachlorophenol   87-86.5     2.3.4.6.Tetrachlorophenol   58-90.2     2.3.5.6-Tetrachlorophenol   95-95-6     2.3.5.6-Tetrachlorophenol   95-95-6     2.4.5.Trichlorophenol   95-95-6     2.4.5.Trichlorophenol   95-95-6     3.4.5.Trichlorophenol   95-95-6     4.5.Dinitro-c-cresol   534-52-1     2.4.Dinitrophenol   51-28-5     Dinitrophenol   25154-55-6     Athitrophenol   25154-55-6     Athitrophen		ĺ		87-65-0
2.3.4.6-Terchorophenol   58-90-2   2.4.5-Trichtorophenol   95-95-5   2.4.5-Trichtorophenol   95-95-6   2.4.5-Trichtorophenol   95-95-6   2.4.5-Trichtorophenol   95-95-6   2.4.5-Trichtorophenol   95-95-6   3.4.5-Trichtorophenol   95-95-6   3.4				95-77-2
2,3,5,6-Trichlorophenol   935-95-5   2,4,5-Trichlorophenol   95-95-4   2,6,5-Trichlorophenol   95-95-4   2,6,5-Trichlorophenol   95-95-4   3,6,5-Trichlorophenol   95-95-4   3,6,5-Trichlorophenol   51-28-5   3,4-5-Dinitrophenol   51-28-5   2,4-Dinitrophenol   25154-55-6   2-Nitrophenol   25154-55-6   2-Nitrophenol   25154-55-6   2-Nitrophenol   25154-55-6   2-Nitrophenol   25154-55-8   2-N			Pentachlorophenol	87-86-5
2,4,5-Trichlorophenol   95-95-4     2,4,5-Trichlorophenol   2,4,5-Trichloro		-	2,3,4,6-Tetrachlorophenol	58-90-2
Phenols, nitro		[		935-95-5
Phenols, nitro-   Phenols, nitro-		1		
2,4-Dinitrophenol   51:28-5			<u> </u>	
Dinitrophenols   25550-56-7     Nitrophenol   25154-55-6     2-Nitrophenol   25154-55-6     2-Nitrophenol   25154-55-8     A-Nitrophenol   25154-55-8     A-Nitrophenol   25154-55-8     A-Nitrophenol   25154-55-8     Trinitrophenol   25154-55-6     Trin	Phenols, nitro-	Organic	4,6-Dinitro-o-cresol	534-52-1
Nitrophenol		}		51-28-5
2-Nitrophenol   25154-55-7				
A-Nitrophenol   25154-55-8			Nitrophenol	25154-55-6
A-Nitrophenol   25154-55-8     Nitrophenols   7     Phenols, non-chlorinated   Phenols, non-chlorinated   Phenols, non-chlorinated   Phenols, non-chlorinated   Phenols, non-chlorinated   Catechol   120-80-9     Phenols, non-chlorinated   Phenols, non-chlorinated   120-80-9     Phenols, non-chlorinated   Phenols, non-chlorinated   120-80-9     Phenols, non-chlorinated   Phenols, non-chlorinated   120-80-9     Phenols, non-chlorinated   120-80-9     Phenols, non-chlorinated   120-80-9     Phenols, non-chlorinated   120-80-9     Phenols   120-80-9   108-80-4     Phenols   108-45-5     Phenols   108-45-5     Phenols   131-89-5     Phenols   104-405, 13683     Phenol   108-95-2     Phenols   108-95-2     Phenols   108-95-2     Phenols   108-95-2     Phenols   108-85-3     Phenols   108-85-3     Phenols   108-85-3     Phenol   108-95-2     Phenoxybenzamine   Phenoxybenzamine   59-96-1		i '	2-Nitrophenol	
Nitrophenols   Nitrophenols   Phenols, non-chlorinated   120-80-9				25154-55-8
Phenols, non-chlorinated         Organic Catechol         Phenols, non-chlorinated           Catechol         120-80-9           m-Cresol         108-39-4           o-Cresol         95-48-7           p-Cresol         106-44-5           2.4-Dimethylphenol         105-67-9           2.6-Dimethylphenol         576-26-1           3.4-Dimethylphenol         95-65-8           4.6-Dimitro-o-cresol         534-52-1           4.6-Dinitro-o-cryclohexyl phenol         131-89-5           2.4-Dintephpenol         51-28-5           Dinitrophenols         25550-58-7           Nitrophenol         25154-55-6           2-Nitrophenol         25154-55-6           2-Nitrophenol         25154-55-7           4-Nitrophenols         25154-55-8           Nonylphenol         104405, 13683           Phenol         108-95-2           Resorcinol         108-46-3           Trinitrophenol         38-89-1           Phenoxybenzamine         59-96-1			Nitrophenols	
Phenols, non-chlorinated         Organic Catechol         Phenols, non-chlorinated         120-80-9           M-Cresol         108-39-4         108-39-4         108-39-4         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-44-5         106-46-1         108-67-9         106-46-1         108-67-9         106-46-1         108-68-8         106-46-1         108-68-8         108-68-9         108-68-9         108-68-9         108-68-9			Trinitrophenol	88-89-1
m-Cresol 108-39-4 o-Cresol 95-48-7 p-Cresol 95-48-7 p-Cresol 106-44-5 2.4-Dimethylphenol 105-67-9 2.6-Dimethylphenol 576-26-1 3.4-Dimethylphenol 95-65-8 4.6-Dinitro-o-cyclohexyl phenol 131-89-5 2.4-Dinitrophenol 51-28-5 Dinitrophenol 51-28-5 Dinitrophenol 51-28-5 Olinitrophenol 25154-55-6 2-Nitrophenol 25154-55-6 2-Nitrophenol 25154-55-7 4-Nitrophenol 25154-55-8 Nitrophenol 108-95-2 Resorcinol 108-46-3 Trinitrophenol 98-8-91 Phenoxybenzamine Organic Phenoxybenzamine 59-96-1	Phenols, non-chlorinated	Organic	Phenois, non-chlorinated	
m-Cresol			Catechol	120-80-9
O-Cresol   95-48-7     P-Cresol   106-44-5     2.4-Dimethylphenol   105-67-9     2.6-Dimethylphenol   576-26-1     3.4-Dimethylphenol   95-85-8     4.6-Dinitro-o-cresol   534-52-1     4.6-Dinitro-o-cyclohexyl phenol   131-89-5     2.4-Dinitrophenol   131-89-5     2.4-Dinitrophenol   25550-58-7     Nitrophenol   25550-58-7     Nitrophenol   25154-55-6     2.Nitrophenol   25154-55-6     2.Nitrophenol   25154-55-8     Nitrophenol   108-95-2     Resorcinol   108-96-2     Resorcinol   108-46-3     Trinitrophenol   88-89-1     Phenoxybenzamine   Organic   Phenoxybenzamine   59-96-1			m-Cresol	
P-Cresol   106-44-5     2.4-Dimethylphenol   105-67-9     2.6-Dimethylphenol   576-26-1     3.4-Dimethylphenol   95-65-8     4.6-Dinitro-o-cresol   534-52-1     4.6-Dinitro-o-cyclohexyl phenol   131-89-5     2.4-Dinitrophenol   51-28-5     Dinitrophenol   51-28-5     Dinitrophenol   25154-55-6     2.4-Dinitrophenol   25154-55-7     4.4-Nitrophenol   25154-55-7     4.4-Nitrophenol   25154-55-7     4.4-Nitrophenol   25154-55-7     4.4-Nitrophenol   25154-55-8     Nitrophenol   104-95-2     Resorcinol   108-96-2     Resorcinol   108-96-3     Trinitrophenol   88-89-1     Phenoxybenzamine   Organic   Phenoxybenzamine   59-96-1		1		
2.4-Dimethylphenol   105-67-9     2.6-Dimethylphenol   576-26-1     3.4-Dimethylphenol   95-65-8     4.6-Dinitro-o-cyclohexyl phenol   131-89-5     2.4-Dinitrophenol   131-89-5     2.4-Dinitrophenol   51-28-5     Dinitrophenol   25154-55-6     2.Nitrophenol   25154-55-7     4.Nitrophenol   25154-55-8     Nitrophenol   25154-55-8     Nitrophenol   104405; 13683     Phenol   108-95-2     Resorcinol   108-46-3     Trinitrophenol   88-89-1     Phenoxybenzamine   Organic   Phenoxybenzamine   59-96-1				
2,6-Dimethylphenol   576-26-1     3,4-Dimethylphenol   95-65-8     4,6-Dimitro-o-cresol   534-52-1     4,6-Dimitro-o-cresol   534-52-1     4,6-Dimitro-o-cyclohexyl phenol   131-89-5     2,4-Dimitrophenol   51-28-5     Dimitrophenols   25550-58-7     Nitrophenols   25154-55-6     2.Nitrophenol   25154-55-6     2.Nitrophenol   25154-55-8     Nitrophenols   25154-55-8     Nitrophenols   25154-55-8     Nitrophenols   25154-55-8     Nonylphenol   104405; 13683-9     Phenol   108-95-2     Resorcinol   108-46-3     Trinitrophenol   88-89-1     Phenoxybenzamine   Organic   Phenoxybenzamine   59-96-1				
3.4-Dimethylphenol   95-65-8     4.6-Dinitro-o-cresol   534-52-1     4.6-Dinitro-o-cyclohexyl phenol   131-89-5     2.4-Dinitrophenol   51-26-5     Dinitrophenols   25550-58-7     Nitrophenol   25154-55-6     2.4-Vitrophenol   25154-55-7     4.4-Vitrophenol   25154-55-8     Nitrophenols   25154-55-8     Nitrophenol   104405; 13683-9     Phenol   108-96-2     Resorcinol   108-46-3     Trinitrophenol   88-89-1     Phenoxybenzamine   Organic   Phenoxybenzamine   59-96-1		ľ		
4,6-Dinitro-o-cresol		ļ		
4,6-Dinitro-o-cyclohexyl phenol   131-89-5     2,4-Dinitrophenol   51-28-5     Dinitrophenols   25550-58-7     Nitrophenol   25154-55-6     2-Nitrophenol   25154-55-7     4-Nitrophenol   25154-55-8     Nitrophenol   25154-55-8     Nitrophenols   25154-55-8     Nitrophenols   104405; 13683     Phenol   108-95-2     Resorcinol   108-96-3     Trinitrophenol   88-89-1     Phenoxybenzamine   Organic   Phenoxybenzamine   59-96-1				
2,4-Dinitrophenol   51-28-5		]		
Dinitrophenols 25550-58-7   Nitrophenol 25154-55-6   2-Nitrophenol 25154-55-6   2-Nitrophenol 25154-55-7   4-Nitrophenol 25154-55-8   Nitrophenol 25154-55-8   Nitrophenol 25154-55-8   Nitrophenol 25154-55-8   Nitrophenol 25154-55-8   Nitrophenol 25154-55-8   Nonylphenol 25154-55-8   Nitrophenol	, ,			
Nitrophenol 25154-55-6   2-Nitrophenol 25154-55-6   2-Nitrophenol 25154-55-7   4-Nitrophenol 25154-55-8   Nitrophenol 25154-55-8   Nitrophenols   Nonylphenol 104405; 13683-   Phenol 108-95-2   Resorcinol 108-96-2   Trinitrophenol 88-89-1   Phenoxybenzamine   Organic Phenoxybenzamine   Organic Phenoxybenzamine   S9-96-1   Phenoxybenzamine   S9-96-1   Phenoxybenzamine   P				
2-Nitrophenol 25154-55-7				
4-Nitrophenol   25154-55-8   Nitrophenols   104405; 13683   Phenol   108-95-2   Resorcinol   108-46-3   Trinitrophenol   108-63   Trinitrophenol   108-89-1   Phenoxybenzamine   Organic   Phenoxybenzamine   59-96-1		<b>,</b>		
Nitrophenols   104405; 13683   Phenol   108-95-2   Resorcinol   108-95-2   Trinitrophenol   108-95-1   Phenoxybenzamine   Organic   Phenoxybenzamine   S9-96-1   S9-		ļ ļ		
Nonylphenol   104405; 13683   Phenol   108-95-2   Resorcinol   108-95-2   Resorcinol   108-46-3   Trinitrophenol   88-89-1   Phenoxybenzamine   Organic   Phenoxybenzamine   59-96-1				25154-55-8
Phenol         108-95-2           Resorcinol         108-46-3           Trinitrophenol         88-89-1           Phenoxybenzamine         Organic         Phenoxybenzamine         59-96-1		, ,		
Resorcinol         108-46-3           Trinitrophenol         88-89-1           Phenoxybenzamine         Organic         Phenoxybenzamine         59-96-1		] ]		104405; 136834
Trinitrophenol         88-89-1           Phenoxybenzamine         Organic         Phenoxybenzamine         59-96-1				
Phenoxybenzamine Organic Phenoxybenzamine 59-96-1		{		
Phenoxybenzamine hydrochloride Organic Phenoxybenzamine hydrochloride 63-92-3	Phenoxybenzamine			59-96-1
	Phenoxybenzamine hydrochloride	Organic	Phenoxybenzamine hydrochloride	63-92-3

CONSTITUENT	Category	See Listing(s) Under:	CAS No
henylamine	Organic	Aniline	62-53-3
henylbenzene	Organic	1,1-Biphenyl	92-52-4
-Phenylbulane	Organic	n-Butylbenzene	104-51-8
-Phenylenediamine	Organic	m-Phenylenediamine	108-45-2
nenylethane	Organic	Ethylbenzene	100-41-4
nenyl ether	Organic	Phenyl ether	101-84-8
nenyl glycidyl ether		Phenyl glycidyl ether	122-60-1
nenylhydrazine	Organic	Phenylhydrazine	100-63-0
nenylhydrazine hydrochloride	Organic	Phenylhydrazine hydrochloride	59-88-1
nenyl mercaptan		Phenyl mercaptan	108-98-5
nenylmercuric acetale		Phenylmercuric acetale	62-38-4
nenylmethylketone		Acetophenone	98-86-2
Phenylphenale, sodium	Organic	o-Phenylphenale, sodium	132-27-4
Phenylpropane	Organic		98-82-8
norale	Organic		298-02-2
nosmet	Organic	Phosmet	732-11-6
nosphale phosphorus		Phosphate phosphorus	1021.0
nosphine		Phosphine	7803-51-2
nosphorus		Phosphorus	7723-14-0
ostoxin	Inorganic		20859-73-8
Ithalate acid esters (PAEs)	Organic	n-Butyl benzyl phthalate	85-68-7
minute add catera (r ALS)	Organic	Butylphthalyl butylglycolate	
	ł	Dibutyl phthalate	85-70-1
	İ	Di(2-ethylhexyl)phthalate	84-74-2 117-81-7
	[	Digz-einyinexyr)phinalate Diethyl phthalate	
	1	Dimethyl phthalate	84-66-2
	ł	Dimethyl terephthalate	131-11-3
	{		131-11-3
	1	Di(n-octyl) phthalate Ethylphthalyl ethylglycolate	117-84-0
			84-72-0
Ab- Is has a share		Phihalate esters	
Ithalale esters	Organic	n-Butyl benzyl phthalate	85-68-7
	<b>!</b>	Butylphthalyl butylglycolate	85-70-1
	1	Dibutyl phthalate	84-74-2
		Di(2-elhylhexyl)phthalate	117-81-7
	1	Diethyl phthalate	84-66-2
		Dimethyl phthalate	131-11-3
	}	Dimethyl terephthalate	120-61-6
	ł	Di(n-octyl) phthalate	117-84-0
		Ethylphthalyl ethylglycolate	84-72-0
		Phthalate esters	
nthalates	Organic	n-Butyl benzyl phthalate	85-68-7
	Ì	Butylphthalyl butylglycolate	85-70-1
		Dibutyl phthalate	84-74-2
	1	Di(2-ethylhexyl)phthalate	117-81-7
		Diethyl phthalate	84-66-2
		Dimethyl phthalate	131-11-3
		Dimethyl terephthalate	120-61-6
	*	Di(n-octyl) phthalate	117-84-0
	İ	Ethylphthalyl ethylglycolate	84-72-0
		Phthalate esters	
thalic anhydride		Phthalic anhydride	85-44-9
cloram		Picloram	1918021
cric acid		Trinitrophenol	88-89-1
imiphos-methyl		Pirimiphos-methyl	29232-93-7
enavin	Organic		4726-14-1
lAs .	Organic	Acenaphthene	83-32-9
	ļ.	Acenaphthylene	208-96-8
		Anthracene	120-12-7
	İ	Benz(a)anthracene	56-55-3
	Ì	Benzo(b)fluoranthene	205-99-2
	į	Benzo(j)fluoranthene	205-82-3
	į	Benzo(k)fluoranthene,	207-08-9
	1	Benzo(g,h,i)perylene '	191-24-2
	l	Benzo(a)pyrene	50-32-8
		Chrysene	218-01-9
	1	Dibenz(a,h)anthracene	53-70-3
	<b>\</b>	7H-Dibenzo(c,g)carbazole	194-59-2
	!	Dibenzo(a,e)pyrene	192-65-4
	1	Dibenzo(a,h)pyrene	189-64-0
	1	Dibenzo(a,i)pyrene	189-55-9
	1	Dibenzo(a,l)pyrene	191-30-0
	l	7,12-Dimethylbenz(a)anthracene	57-97-6
		Fluoranthene	206-44-0
	1	Fluorene	86-73-7
	}	Indeno(1,2,3-c,d)pyrene	193-39-5
	i	PAHs	193-38-3
		r At 13	
	[	Dhonanthrone	105 04 0
		Phenanthrene	85-01-8
		Pyrene	129-00-0
nast Digeenan			

CONSTITUENT	Category	See Listing(s) Under:	CAS No
Polychlorinated biphenyls		Polychlorinated biphenyls	1336-36-3
Polynuclear aromatic hydrocarbons	Organic	Acenaphthene .	83-32-9
	1	Acenaphthylene	208-96-8
		Anthracene	120-12-7
	١	Benz(a)anthracene	56-55-3
	J	Benzo(b)fluoranthene	205-99-2
	[	Benzo(j)fluoranthene	205-82-3
	1	Benzo(k)fluoranthene	207-08-9
	•	Benzo(g,h,i)perylene	191-24-2
		Benzo(a)pyrene	50-32-8
	i	Chrysene	218-01-9
	1	Dibenz(a,h)anthracene	53-70-3
	į	7H-Dibenzo(c,g)carbazole	194-59-2
		Dibenzo(a,e)pyrene	192-65-4
	1	Dibenzo(a,h)pyrene	189-64-0
	į	Dibenzo(a,i)pyrene	189-55-9
		Dibenzo(a.l)pyrene	191-30-0
		7,12-Dimethylbenz(a)anthracene	57-97-6
		Fluoranthene	206-44-0
		Fluorene	86-73-7
		Indeno(1,2,3-c,d)pyrene	193-39-5
	Į.	PAHs	193-39-3
	ì	Phenanthrene	25.04.0
		Pyrene	85-01-8
Ponceau MC	0	Ponceau MC	129-00-0
		Ponceau MC	3761-53-3
Ponceau MX			3761-53-3
Ponceau 3R		Ponceau 3R	3564098
Potassium bromate		Potassium bromate	7758012
Potassium cyanide		Potassium cyanide	151-50-8
Potassium silver cyanide		Potassium silver cyanide	506-61-6
PPTC	Organic	Vernem	1929-77-7
Pramitol		Prometon	1610-18-0
Princep		Simazine	122-34-9
Procarbazine	Organic	Procarbazine	671-16-9
Procarbazine hydrochloride	Organic	Procarbazine hydrochloride	366-70-1
Prochloraz	Organic	Prochloraz	67747-09-5
Profam	Organic	Propham	122-42-9
Prometori	Organic	Prometon	1610-18-0
Prometryn	Organic	Prometryn	7287-19-6
Pronamide	Organic	Pronamide	23950-58-5
Propachlor	Organic	Propachlor	1918-16-7
Propane	Organic	Propane	74-98-6
Propanes, dichloro-	Organic	1,2-Dichloropropane	78-87-5
		Dichloropropanes	26638-19-7
,3-Propane sultone	Organic	1,3-Propane sultone	1120-71-4
Propanil	Organic	Propanil	709-98-8
Propanoic acid	Organic	Propionic acid	93-65-2
-Propanol		n-Propyl alcohol	71-23-8
Propargite		Propargite	2312-35-8
Propargyl alcohol		Propargyl alcohol	107-19-7
Propazine		Propazine	139-40-2
Propene		Propylene	115-07-1
P-Propeneamide		Acrylamide	
Propeneamide Propenenitrile		Acrylamide Acrylonitrile	79-06-1
		Acrylonitrile 1.3-Dichloropropene	107-13-1 542-75-6
Propenes, dichloro-	1	·	542-75-6
Droponala poid		Dichtoropropenes	
-Propenoic acid		Acrylic acid	79-10-7
Propenyl alcohol	Organic	Allyl alcohol	107-18-6
-propenyl chloride		3-Chloropropene	107-05-1
Propham	Organic	Propham	122-42-9
Propham Prophos	Organic Organic	Propham Propham	122-42-9 122-42-9
Propham Prophos Propiconazole	Organic Organic Organic	Propham Propham Propiconazole	122-42-9 122-42-9 60207-90-1
Propham Prophos Propiconazole reta-Propiolactone	Organic Organic Organic Organic	Propham Propham Propiconazole beta-Propiolactone	122-42-9 122-42-9 60207-90-1 57-57-8
Propham Prophos Propiconazole eta-Propiolacione Propionic acid	Organic Organic Organic Organic Organic	Propham Propham Propiconazole (1 beta-Propiolactone Propionic acid	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2
Propham Prophos Propiconazole elea-Propiolacione Propionic acid Propoxur	Organic Organic Organic Organic Organic Organic Organic	Propham Propham Propiconazole ::\tau beta-Propiolactone Propionic acid Baygon	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1
Propham Prophos Propiconazole eta-Propiolactone Propionic acid Propoxur -Propyl acetate	Organic Organic Organic Organic Organic Organic Organic Organic Organic	Propham Propham Propiconazole	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4
Propham Prophos Propiconazole Propicolacione Propiconic acid Propoxur Propyl acetale Propyl alcohol	Organic Organic Organic Organic Organic Organic Organic Organic Organic	Propham Propham Propham Propionazole   beta-Propiolactone Propionic acid Baygon n-Propyl acetate n-Propyl alcohol	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1
Propham Prophos Propiconazole eta-Propiolactone Propionic acid Propoxur -Propyl acetate	Organic Organic Organic Organic Organic Organic Organic Organic Organic	Propham Propham Propiconazole	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4
Propham Prophos Propiconazole Propicolacione Propiconic acid Propoxur Propyl acetale Propyl alcohol	Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic	Propham Propham Propham Propionazole   beta-Propiolactone Propionic acid Baygon n-Propyl acetate n-Propyl alcohol	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8
Propham Prophos Propicon Service Servi	Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic	Propham Propham Propham Propionazole  beta-Propiolactone Propionic acid Baygon n-Propyl acetate n-Propyl alcohol Propylene	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8 115-07-1 78-87-5
Propham Prophos Propiconazole ela-Propiolacione Propionic acid Propoxur -Propyl acetale -Propyl alcohol Propylene Propylene dichloride Propyleneimine	Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic	Propham Propham Propionazole 10 Propionic acid Baygon Propyl acetate Propyl acetate Propylene 1,2-Dichloropropane Propyleneimine	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8 115-07-1 78-87-5 75-55-8
Propham Prophos Propiconazole Propiconazole Propiconic acid Propoxur Propyl acetale Propyl alcohol Propylene Propylene dichloride Propylene oxide	Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic	Propham Propham Propionazole	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8 115-07-1 78-87-5 75-55-8
Propham Prophos Propionazole  eta-Propiolactone Propionic acid PropoxurPropyl acetatePropyl alcohol Propylene Propylene dichloride Propyleneimine Propylenimine Propyl nitrate	Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic Organic	Propham Propham Propham Propionazole beta-Propiolactone Propionic acid Baygon n-Propyl acetate n-Propyl alcohol Propylene 1,2-Dichloropropane Propyleneimine Propylene oxide n-Propyl nitrate	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8 115-07-1 78-87-5 75-55-8 75-56-9 627-13-4
Propham Prophos Propiconazole Propiconic acid Propiconic acid Propiconic acid Propyl acetale Propyl alcohol Propylene Propylene dichloride Propylene oxide Propylenimine Propylenitrate Propylthiouracil	Organic Organic	Propham Propham Propham Propionazole  beta-Propiolactone Propionic acid Baygon n-Propyl acetate n-Propyl alcohol Propylene 1,2-Dichloropropane Propylene oxide n-Propyl nitrate Propylithiouracii	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8 115-07-1 78-87-5 75-55-8 75-56-9 627-13-4 51-52-5
Propham Prophos Propiconazole Propiconic acid Propiconic acid Propyl acetale Propyl alcohol Propylene Propylene dichloride Propylene oxide Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine	Organic Organic	Propham Propham Propionazole Propionic acid Baygon Propyl acetate Propyl acetate Propylene 1, 2-Dichloropropane Propylene oxide Propylene oxide Propylenimine Propylinitrate Propylinitrate Propylyl nitrate Propylyl alcohol	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8 115-07-1 78-87-5 75-55-8 75-56-9 627-13-4 51-52-5 107-19-7
Propham Prophos Propiconazole elea-Propiolacione Propionic acid Propoxur -Propyl acetale -Propyl alcohol Propylene Propylene Propylene dichloride Propylene oxide Propylene inine Propylene oxide -Propylenimine Propylene oxide -Propyl nitrate Propylnitrate Propylonicial -Propylonicial	Organic Organic	Propham Propham Propionazole	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8 115-07-1 78-87-5 75-56-9 627-13-4 51-52-5 107-19-7 23950-58-5
Propham Prophos Propions Propions Propionic acid Propionic acid Propyl acetate Propyl acetate Propylene Propylene dichloride Propylene imine Propylenimine	Organic Organic	Propham Propham Propham Propham Propionazole  beta-Propiolactone Propionic acid Baygon n-Propyl acetate n-Propyl alcohol Propylene 1,2-Dichloropropane Propyleneimine Propylene oxide n-Propyl nitrate Propyliniouracil Propargyl alcohol Propargyl alcohol Propargyl alcohol Propargyl alcohol Propargyl alcohol Pronamide Pendimethalin	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8 115-07-1 78-87-5 75-56-9 627-13-4 51-52-5 107-19-7 23950-58-5 40487-42-1
Propham Prophos Propiconazole Propiconic acid Propiconic acid Propiconic acid Propylacetale Propyl acetale Propyl acetale Propylene Propylene dichloride Propylene oxide Propylenimine Propyl nitrate	Organic Organic	Propham Propham Propham Propham Propionazole  beta-Propiolactone Propionic acid BaygonPropyl acetatePropyl acetatePropylene 1,2-Dichloropropane Propylene oxidePropyl nitrate Propylthiouracil Propargyl alcohol Propargyl alcohol Propargyl alcohol Pronamide Pendimethalin Cyanogen	122-42-9 122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8 115-07-1 78-87-5 75-55-8 75-56-9 627-13-4 51-52-5 107-19-7 23950-58-5 40487-42-1 460-19-5
Propham Prophos Propions Propionic acid Propionic acid Propionic acid Propylacetate Propyl alcohol Propylene Propylene dichloride Propylene oxide Propylenimine Propylenimine Propylene oxide Propylene oxide Propylene oxide Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine Propylenimine	Organic Organic	Propham Propham Propionazole Deta-Propiolactone Propionic acid Baygon Propyl acetate Propyl acetate Propylene 1, 2-Dichloropropane Propylene oxide Propylene oxide Propyleniuraci Propylinitate Propyl	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8 115-07-1 78-87-5 75-55-8 75-56-9 627-13-4 51-52-5 107-19-7 23950-58-5 40487-42-1 460-19-5 81335-77-5
Propham Prophos Propiconazole Propiconic acid Propiconic acid Propiconic acid Propylacetale Propyl acetale Propyl acetale Propylene Propylene dichloride Propylene oxide Propylenimine Propyl nitrate	Organic Organic	Propham Propham Propionazole 10 Propiconazole 10 Propionic acid Baygon Propyl acetate Propyl acetate Propylene 1,2-Dichloropropane Propylene oxide Propylene oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide Propyline oxide	122-42-9 122-42-9 60207-90-1 57-57-8 93-65-2 114-26-1 109-60-4 71-23-8 115-07-1 78-87-5 75-55-8 75-56-9 627-13-4 51-52-5 107-19-7 23950-58-5 40487-42-1 460-19-5

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
Quinalphos	Organic	Quinalphos	13593-03-8
Quinofop-ethyl	Organic		76578-14-8
Quinone	Organic	Quinone	106-51-4
Quintozine	Organic	Pentachloronitrobenzene	82-68-8
226Ra		Radium-226 + Radium-228	7440-14-4
228Ra		Radium-226 + Radium-228	7440-14-4
Radioactivity, Gross Alpha		Radioactivity, Gross Alpha	
Radioactivity, Gross Bela		Radioactivity, Gross Beta	<u>_</u>
Radium-226 + Radium-228		Radium-226 + Radium-228	7440-14-4
Radon	Inorganic		14859-67-7
Rally		Systhane	88671-89-0
Ramrod		Propachlor	1918-16-7
RDX (Cyclonite)		RDX (Cyclonite)	121-82-4
Redax		N-Nitrosodiphenylamine	86-30-6
Regione Reserpine	Organic		85-00-7
Resmethrin		Reservine	50-55-5
Resorcinol		Resmethrin Resorcinol	10453-86-8
Retard		Maleic hydrazide	108-46-3
Rn	Inorganic		123-33-1
Ronilan		Vinclozolin	14859-67-7 50471-44-8
Rotenone	Organic	Rotenone	83-79-4
Roundup		Glyphosate	1071-83-6
Royral	Organic	Iprodione	36734-19-7
RU 25474		Tralomethrin	66841-25-6
	y garne		0-03-17-000]
Saccharin	Organic	Saccharin	81-07-2
Safrole	Organic		94-59-7
Savey		Savey	78587-05-0
Sb		Antimony	7440-36-0
SBP-1382	Organic	Resmethrin	10453-86-8
Scepter	Organic	Imazaquin	81335-37-7
Se	Inorganic	Selenium	7782-49-2
Selenium	Inorganic	Selenium	7782-49-2
Sethoxydim	Organic	Sethoxydim	74051-80-2
Settleable solids		Settleable solids	
Sevin		Carbary!	63-25-2
Silver	Inorganic	Silver	7440-22-4
Silver cyanide	Inorganic	Silver cyanide	506-64-9
Silver potassium cyanide		Potassium silver cyanide	506-61-6
Silvex		2.4.5-TP (Silvex)	93-76-5
Simazine Sinbar	Organic	Simazine	122-34-9
SO <sub>4</sub> '	Organic	Terbacil Sulfate	5902-51-2
Sodium	Inorganic Inorganic	Sodium	7440-23-5
Sodium azide		Sodium azide	26628-22-8
	Intorganic	Sodium cyanide	
LEGERAL LICENTIFICATION	Inorganic		
Sodium cyanide Sodium diethyldithiocarbamate	Inorganic Organic		143-33-9
Sodium diethyldithiocarbamate	Organic	Sodium diethyldithiocarbamate	143-33-9 148-18-5
Sodium diethyldithiocarbamate Sodium fluoroacetate	Organic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate	143-33-9 148-18-5 62-74-8
Sodium diethyldithiocarbamate	Organic Organic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium	143-33-9 148-18-5 62-74-8 132-27-4
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate	Organic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate	143-33-9 148-18-5 62-74-8
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar	Organic Organic Organic Organic Inorganic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone	143-33-9 148-18-5 62-74-8 132-27-4
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC)	Organic Organic Organic Organic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC)	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike	Organic Organic Organic Organic Inorganic Organic Inorganic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin	Organic Organic Organic Organic Organic Inorganic Organic Inorganic Inorganic Inorganic Organic Organic Organic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal	Organic Organic Organic Organic Organic Inorganic Organic Inorganic Inorganic Inorganic Inorganic Organic Organic Organic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade	Organic Organic Organic Organic Organic Inorganic Organic Inorganic Inorganic Organic Organic Organic Organic Organic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterignatocystin Steri-Seal Stockade Stop Mold	Organic Organic Organic Organic Organic Inorganic Organic Inorganic Organic Organic Organic Organic Organic Organic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stop Mold Streptozocin	Organic Organic Organic Organic Organic Inorganic Organic Inorganic Inorganic Organic Organic Organic Organic Organic Organic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streplozotocin	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozotocin	Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streplozotocin Streplozotocin	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 18883-66-4
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stop Mold Streptozocin	Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Streptozotocin Strontium	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozotocin Strontium	Organic Organic Organic Organic Organic Inorganic Organic Inorganic Inorganic Organic Inorganic Inorganic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Streptium-90 Strontium	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 18883-66-4 7440-24-6
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stockade Stop Mold Streptozotin Streptozotin Streptozototin Streptozototin Strophium	Organic Organic Organic Organic Organic Organic Inorganic Organic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Strontium-90 Strontium-90 Strontium-90 Strontium-90 Strychnine	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 18883-66-4 7440-24-6
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozotocin Strychnine Strychnine Styrene	Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Streptozotocin Strontium-90 Strychnine Styrene	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 18883-66-4 7440-24-6 57-24-9 100-42-5
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr Sr Slerigmatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozotocin Strontium Strychnine Styrene Styrene Styrene oxide	Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streplozotocin Streplozotocin Streplozotocin Strontium-90 Strontium-90 Strychnine Strychnine Styrene Styrene Sytrene sodium	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 18883-66-4 7440-24-6 57-24-9 100-42-5 96-09-3
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stop Mold Streptozotocin Streptozotocin Strontium Strychnine Styrene Styrene Styrene Styrene oxide Subdue	Organic Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Streptozotocin Strontium Strontium Strontium Strontium Strontium Strontium Strontium	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 7440-24-6 57-24-9 100-42-5 96-09-3 57837-19-1
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stockade Stop Mold Streptozocin Streptozotoin Streptozotoin Strychnine Styrene Styrene oxide Subdue Sugar of lead	Organic Organic Organic Organic Organic Organic Inorganic Organic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin O-Phenylphenate, sodium Streptozotocin Streptozotocin Strontium-90 Strontium-90 Strychnium-90 Strychnine Styrene Styrene oxide Metalaxyl Lead acetate	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 18883-66-4 7440-24-6 57-24-9 100-42-5 96-09-3 57837-19-1 301-04-2
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozocin Streptozocin Strychnine Styrchnine Styrene Styrene oxide Sudfallate	Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Streptozotocin Strontium-90 Strychnine Styrene	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 7440-24-6 57-24-9 100-42-5 96-09-3 57837-19-1
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr Specific conductance (EC) Spike Sr Steriscal Steriscal Stockade Stop Mold Streptozocin Streptozocin Streptozocin Streptozocin Strychnine Styrene Styrene Styrene oxide Sudfate Suffate Suffate Suffate	Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Inorganic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streplozotocin Streplozotocin Streplozotocin Strontium-90 Strontium-90 Strontium-90 Strychnine Strychnine Strychnine Styrene Styrene oxide Metalaxyl Lead acetate Sulfalte	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 18883-66-4 7440-24-5 57-24-9 100-42-5 96-09-3 57837-19-1 301-04-2 95-06-7
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozocin Streptozotocin Strontium Strychnine Styrene Styrene Styrene Styrene oxide Subdue Sugar of lead Sulfallate Sulfallate Sulfore oxide Sulfallate Sulfallate Sulfore oxide Sulfallate Sulfallate	Organic Organic Organic Organic Organic Organic Inorganic Inorganic Organic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Streptozotocin Strontium-90 Strontium-90 Strontium-90 Strychnine Styrene Styrene oxide Metalaxyl Lead acetate Sulfallate Sulfallate Chlorsuffuron	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4  34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 18883-66-4 7440-24-6 57-24-9 100-42-5 96-09-3 57837-19-1 301-04-2 95-06-7
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stockade Stop Mold Streptozocin Streptozocin Streptozotin Strychnine Styrene Styrene oxide Subdue Sugar of lead Sulfallate Sulfate Sulfonimide	Organic Organic Organic Organic Organic Organic Inorganic Organic Inorganic Organic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Strontium-90 Strontium-90 Strychnium Strontium-90 Strychnium Strontium-90 Strychnium-90 Strychnine Styrene Styrene oxide Metalaxyl Lead acetate Sulfate Chlorsuthuron Captafol	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4  34014-18-1 7440-24-6  10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 18883-66-4 7440-24-6  57-24-9 100-42-5 96-09-3 57837-19-1 301-04-2 95-06-7  64902-72-3 2425061
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozotocin Strontium Strychnine Styrene oxide Supar of lead Sulfallate Sulfallate Sulflate Sulfonamide Sulfur dioxide	Organic Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Organic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Streptozotocin Strontium-90 Strontium-90 Strychnine Styrene oxide Metalaxyl Lead acetate Sulfaltate Chlorsuffuron Captafol Sulfur dioxide	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4  34014-18-1 7440-24-6  10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 18883-66-4 7440-24-6 57-24-9 100-42-5 96-09-3 57937-19-1 301-04-2 95-06-7
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr Specific conductance (EC) Spike Sr Sterignatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozocin Streptozocin Strychnine Styrene Styrene Styrene Styrene oxide Sulfate Sulfate Sulfonamide Sulfonimide Sulfur dioxide Sutan	Organic Organic Organic Organic Inorganic Organic Inorganic Inorganic Inorganic Organic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Strontium-90 Sterontium-90 Sterontium-90 Styrene Styrene Styrontium-90 Styrontium-90 Styrothine Styrontium-90 Styrothine Styrene Styrene oxide Metalaxyl Lead acetate Sulfate Chlorsulfuron Captafol Sulfur dioxide Butylate	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 152315-07-8 132-27-4 18883-66-4 18883-66-4 7440-24-6 57-24-9 100-42-5 96-09-3 57837-19-1 301-04-2 95-06-7 64902-72-3 2425061 7446095 2008-41-5
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr Specific conductance (EC) Spike Sr Sterignatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozocin Streptozocin Streptozocin Stychnine Styrene Styrene Styrene oxide Subdue Sugar of lead Sulfallate Sulfalate Sulfonimide Sulfonimide Sulfunimide	Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Inorganic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streplozotocin Streplozotocin Streplozotocin Strontium-90 Sterigmatorystin o-Phenylphenate, sodium Streplozotocin Streplozotocin Streplozotocin Strychnium-90 Styrontium-90 Styrontium-90 Styrontium-90 Styrontium-91 Styrontium-92 Styrene oxide Metalaxyl Lead acetate Sulfalte Sulfalte Chlorsulfuron Captafol Sulfur dioxide Butylate Systhane	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4  34014-18-1 7440-24-6  10048-13-2 132-27-4 52315-07-8 132-27-4 1883-66-4 7440-24-6  57-24-9 100-42-5 96-09-3 57837-19-1 301-04-2 95-06-7  64902-72-3 2425061 7446095 2008-41-5 88671-89-0
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr Specific conductance (EC) Spike Sr Sterignatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozocin Streptozocin Strychnine Styrene Styrene Styrene Styrene oxide Sulfate Sulfate Sulfonamide Sulfonimide Sulfur dioxide Sutan	Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Inorganic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Strontium-90 Sterontium-90 Sterontium-90 Styrene Styrene Styrontium-90 Styrontium-90 Styrothine Styrontium-90 Styrothine Styrene Styrene oxide Metalaxyl Lead acetate Sulfate Chlorsulfuron Captafol Sulfur dioxide Butylate	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 7440-24-6 57-24-9 100-42-5 96-09-3 57837-19-1 301-04-2 95-06-7 64902-72-3 2425061 7446095 2008-41-5
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr 90Sr Sterigmatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozotocin Streptozotocin Strychnine Styrene oxide Subdue Sugar of lead Sulfallate Sulfallate Sulfallate Sulfonimide Sultonimide Sutan Systhane Systox	Organic Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Organic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Strontium-90 Strontium-90 Strontium-90 Strychnine Styrene oxide Metalaxyl Lead acetate Sulfallate Sulfalte Chlorsufuron Captafol Suffur dioxide Butylate Systhane Demeton	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4  34014-18-1 7440-24-6  10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 7440-24-6  57-24-9 100-42-5 96-09-3 57837-19-1 301-04-2 95-06-7  64902-72-3 2425061 7446095 2008-41-5 88671-89-0
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium o-phenylphenate Sonar Specific conductance (EC) Spike Sr Specific conductance (EC) Spike Sr Sterignatocystin Steri-Seal Stockade Stop Mold Streptozocin Streptozocin Streptozocin Streptozocin Stychnine Styrene Styrene Styrene oxide Subdue Sugar of lead Sulfallate Sulfalate Sulfonimide Sulfonimide Sulfunimide	Organic Organic Organic Organic Organic Inorganic Inorganic Inorganic Inorganic Organic	Sodium diethyldithiocarbamate Sodium fluoroacetate o-Phenylphenate, sodium Fluridone Specific conductance (EC) Tebuthiuron Strontium Strontium-90 Sterigmatocystin o-Phenylphenate, sodium Cypermethrin o-Phenylphenate, sodium Streptozotocin Streptozotocin Strontium-90 Strontium-90 Strontium-90 Strychnine Styrene oxide Metalaxyl Lead acetate Sulfallate Sulfalte Chlorsufuron Captafol Suffur dioxide Butylate Systhane Demeton	143-33-9 148-18-5 62-74-8 132-27-4 59756-60-4 34014-18-1 7440-24-6 10048-13-2 132-27-4 52315-07-8 132-27-4 18883-66-4 18883-66-4 7440-24-6 57-24-9 100-42-5 96-09-3 57837-19-1 301-04-2 95-06-7 64902-72-3 2425061 7446095 2008-41-5 88671-89-0 8065-48-3

CONSTITUENT		See Listing(s) Under:	CAS N
ТВА		tert-Butyl alcohol	75-65-0
TBT		Tributyllin	688-73-3
1,1,1-TCA		1,1,1-Trichloroethane	71-55-6
1,1,2-TCA		1,1,2-Trichloroethane	79-00-5
2,3,7,8-TCDD (Dioxin)		2.3,7,8-TCDD (Dioxin)	1746-01-6
TCE		Trichloroethylene (TCE)	79-01-6
rds		Total dissolved solids (TDS)	
Tebuthiuron		Tebuthiuron	34014-18-1
TEOP		Tetraethyldithiopyrophosphate	3689-24-5
TEL	Organic		78-00-2
Telon <b>e</b>	Organic		542-75-6
		1,2-Dichloropropane	78-87-5
Ternik	Organic	Aldicarb .	116-06-3
Terbacil	Organic		5902-51-2
Terbufos	Organic	<del></del>	13071-79-9
Terbutryn	Organic	<del>                                     </del>	886-50-0
Terracion		Pentachloronitrobenzene	82-68-8
1,2.4,5-Tetrachlorobenzene	Organic		95-94-3
2,3,7,8-Tetrachlorodibenzo-p-dioxin		2.3,7.8-TCDD (Dioxin)	1746-01-6
1,1,1,2-Tetrachloroethane		1,1,1.2-Tetrachloroethane	630-20-6
1,1,2,2-Tetrachloroethane	Organic		79-34-5
Tetrachloroethene	Organic	Tetrachloroethylene (PCE)	127-18-4
Tetrachloroethylene (PCE)	Organic	Tetrachloroethylene (PCE)	127-18-4
Tetrachloromethane	Organic	Carbon tetrachloride	56-23-5
2,3.4,6-Tetrachlorophenol	Organic	2,3,4.6-Tetrachlorophenol	58-90-2
2,3,5,6-Tetrachlorophenol	Organic		935-95-5
Tetrachlorovinphos	Organic	Tetrachlorovinphos	961-11-5
Tetrachlorvinphos	Organic	Tetrachlorovinphos	961-11-5
Tetraethyldithiopyrophosphate	Organic	Tetraethyldithiopyrophosphate	3689-24-5
Tetraethyl lead	Organic	Tetraethyl lead	78-00-2
Tetramethyldiaminobenzophenone	Organic	Michler's ketone	90-94-8
1,4.5,8-Tetraminoanthraquinone	Organic	Disperse Blue 1	2475-45-8
Tetranitromethane	Organic	Tetranitromethane	509-14-8
Th	Inorganic		7440-28-0
Thallium		Thallium	7440-28-0
Thimet		Phorate	298-02-2
Thioacetamide	Organic	<del></del>	62-55-5
Thiobencarb	Organic	Thiobencarb	28249-77-6
Thiocarb	Organic	Sodium diethyldithiocarbamate	148-18-5
Thiodan	Organic		115-29-7
4,4'-Thiodianiline	Organic	4,4'-Thiodianiline	139-65-1
Thiophanate-methyl	Organic	Thiophanate-methyl	23564-05-8
Thiophenol	Organic	Phenyl mercapian	108-98-5
Thiophos	Organic	Parathion	56-38-2
Thiotepa	Organic	Tris(1-aziridinyl)phosphine sulfide	52-24-4
Thiourea	Organic	Thiourea	62-56-6
Thiram	Organic	Thiram	137-26-8
THMs	Organic	Bromodichtoromethane	74-97-5
	3	Bromoform	75-25-2
		Chloroform	67-66-3
	1	Dibromochloromethane	124-48-1
Thriafur Thriafur	Organic	2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole	712-68-5
Fin, tributyl-		Tributyltin	688-73-3
INT	Organic	Trinitrotoluene (TNT)	612-82-8
o-Tolidine		3.3'-Dimethylbenzidine	118-96-7
-Tolidine hydrochloride		3,3'-Dimethylbenzidine dihydrochloride	119-93-7
oluene		Toluene	108-88-3
7,4-Toluenediamine	Organic		95-80-7
oluene diisocyanate	Organic		26471-62-5
oluenes, dinitro-	Organic	2,4-Dinitrotoluene	121-14-2
	1	2,6-Dinitrotoluene	606-20-2 25321-14-6
Tabilding by death and		Diriti Otolderida	
-Toluidine hydrochloride	Organic	o-Toluidine hydrochloride	636-21-5
-Toluidine		o-Toluidine	95-53-4
olyl chloride	Organic	Benzyl chloride	100-44-7
ordon	Organic	Picloram	1918021
otal dissolved solids (TDS)		Total dissolved solids (TDS)	<u> </u>
oxaphene	Organic	Toxaphene	8001-35-2
,4,5-TP (Silvex)	Organic	2.4.5-TP (Silvex)	93-76-5
ralomethrin	Organic	Tralomethrin	66841-25-6
reflan		Trifluralin	1582-09-8
riallate	Organic		2303-17-5
riasulfuron	Organic	Triasulfuron	82097-50-5
,2,4-Tribromobenzene		1,2,4-Tribromobenzene	615-54-3
ribromomethane		Bromofarm	75-25-2
ribulos	Organic	Merphos	150-50-5
ributyllin	Organic	Tributyltin	688-73-3
richlorion		Trichlorfon	52-68-6
richloroacetaldehyde		Chloral	75-87-6
richloroacetaldehyde, hydrated		Chloral hydrate	302-17-0

CONSTITUENT	Category	See Listing(s) Under:	CAS No.
richloroacetonitrile	Organic	Trichloroacetonitrile	545-06-02
			120-82-1
			108-70-3
			120-82-1
			108-70-3
	1		12002-48-1
nsymmetrical-Trichlorobenzene	Organic		120-82-1
			71-55-6
1,2-Trichloroethane	Organic	1,1,2-Trichloroethane	79-00-5
			302-17-0
richloroethene			79-01-6
richloroethylene (TCE)			79-01-6
richloroethylidene ghycol	Organic	Chloral hydrate	302-17-0
richlorofluoromelhane			75-69-4
richtoromethane			67-66-3
Trichloromethyl)benzene			98-07-7
I-Trichloromethylmercapto-tetrahydrophthalimide	Organic	Caplan	133-06-2
,4,5-Trichlorophenol			95-95-4
.4,6-Trichlorophenol			88-06-2
			93-76-5
			93-76-5
			598-77-6
			96-18-4
	<del></del> -		98-07-7
			76-13-1
			76-13-1
			52-68-6
	<del></del>		58138-08-2
			121-44-8
			1582-09-8
			139-13-9
			75-27-4
The Control of the Co	Organio i		75-25-2
	'		67-66-3
	<b>\</b>		124-48-1
riiodomethane	Organic		75-47-8
			75-50-3
			108-67-8
			108-67-8
			99-35-4
			88-89-1
			118-96-7
			52-24-4
			126-72-7
			18662-53-8
			786-19-6
			10028-17-8
			62450-06-0
			62450-07-1
			62450-06-0
		Tryptophan-P-2	62450-07-1
urbacil	Organic		
urbidity			5902-51-2
urbidity	Inorganic		
	Inorganic	Turbidity	5902-51-2
urbidity	Inorganic Inorganic	Turbidity Uranium	
IDMH	Inorganic Inorganic Organic	Turbidity Uranium 1,1-Dimethylhydrazine	5902-51-2 7440-61-1
IDMH Iranium	Inorganic Organic Inorganic	Turbidity  Uranium  1,1-Dimethylhydrazine  Uranium	7440-61-1 57-14-7 7440-61-1
IDMH Iranium Irethane	Inorganic Inorganic Organic Inorganic Organic	Turbidity  Uranium  1,1-Dimethylhydrazine  Uranium  Urethane	7440-61-1 57-14-7 7440-61-1 51-79-6
IDMH Iranium	Inorganic Inorganic Organic Inorganic Organic	Turbidity  Uranium  1,1-Dimethylhydrazine  Uranium	7440-61-1 57-14-7 7440-61-1
IDMH Iranium Irathane Irox	Inorganic Organic Inorganic Organic Organic Organic	Turbidity  Uranium  1,1-Dimethylhydrazine  Uranium  Urethane  Bromacil	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9
IDMH Iranium Irethane Irox	Inorganic Organic Inorganic Organic Organic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9
IDMH Iranium Irethane IroxValeraldehyde	Inorganic Inorganic Organic Inorganic Organic Organic Organic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium n-Valeraldehyde	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3
IDMH Iranium Irethane Irox  -Valeraldehyde	Inorganic Inorganic Organic Inorganic Organic Organic Inorganic Organic Inorganic Inorganic Inorganic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacit  Vanadium n-Valeraldehyde Vanadium	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2
IDMH Iranium Irelhane Irox -Valeraldehyde 'anadium	Inorganic Organic Inorganic Organic Organic Organic Organic Inorganic Organic Organic Organic Organic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium N-Valeraldehyde Vanadium Vinyl chloride	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3
IDMH Itranium Irethane IrroxValeraldehyde 'anadium CC	Inorganic Organic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  VanadiumValeraldehyde Vanadium Vinyt chloride Sulfallate	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 75-01-4 95-06-7
IDMH Iranium Irethane IrroxValeraldehyde 'anadium 'CC 'egadex elpar	Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 75-01-4 95-06-7 51235-04-2
I/DMH Iranium Irethane Irox Valeraldehyde Irandium CC Iregadex Irelepar	Inorganic Organic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium n-Valeraldehyde Vanadium Vinyl chloride Sulfallate Hexazinone Haloxyfop-methyl	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 75-01-4 95-06-7 51235-04-2 69806-40-2
IDMH Iranium Irethane Irox	Inorganic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacit  Vanadium n-Valeraldehyde Vanadium Vinyl chloride Sulfallate Hexazinone Haloxyfop-methyl Vernem	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 75-01-4 95-06-7 51235-04-2 69806-40-2 1929-77-7
IDMH Iranium Irethane Irox  -Valeraldehyde anadium I'C fegadex felpar feldict femem fernolate	Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  VanadiumValeraldehyde Vanadium Vinyl chloride Sulfallate Hexazinone Haloxyfop-methyl Vernem Vernem	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 75-01-4 95-06-7 51235-04-2 69806-40-2 1929-77-7
IDMH Iranium Irethane Irox Valeraldehyde anadium ICC Gegadex Felpar Ferdict Fermen Fermen Fernolate Finclozolin	Inorganic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium N-Valeraldehyde Vanadium Vinyl chloride Sulfallate Hexazinone Haloxyfop-methyl Vernem Vernem Vinclozolin	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 75-01-4 95-06-7 51235-04-2 69806-40-2 1929-77-7 50471-44-8
I/DMH Iranium Irethane Irox Valeraldehyde 'anadium 'C 'degadex 'elgadex 'erdict 'emem 'ernolate iniclozolin 'iniclozolin 'inyl acetate	Inorganic Inorganic Organic Inorganic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium n-Valeraldehyde Vanadium Vinyl chloride Sulfallate Hexazinone Haloxyfop-methyl Vernem Vernem Vinclozolin Vinyl acetate	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 75-01-4 95-06-7 51235-04-2 69806-40-2 1929-77-7 1929-77-7 50471-44-8 108-05-4
IDMH Iranium Irethane Irox  -Valeraldehyde Irandium Irethane Irox  -Valeraldehyde Irandium Irethane Irox  Irethane Irox  Irethane	Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium n-Valeraldehyde Vanadium Vinyl chloride Sulfallate Hexazinone Haloxyfop-methyl Vernem Vernem Vernem Vinclozolin Vinyl acetate Styrene	7440-61-1 57-14-7 7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 75-01-4 95-06-7 51235-04-2 69806-40-2 1929-77-7 1929-77-7 50471-44-8 108-05-4
IDMH Iranium Irethane Irox  -Valeraldehyde Irandium IC Iegadex Ielpar Iretdict Iremem Iernolate Incozolin Irinyl acetate Irinyl bromide	Inorganic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  VanadiumValeraldehyde Vanadium Vinyt chloride Sulfallate Hexazinone Haloxyfop-methyl Vernem Vernem Vinclazolin Vinyl acetate Styrene Vinyl acetate Styrene Vinyl acetate Styrene Vinyl acetate Styrene Vinyl acetate Styrene Vinyl bromide	7440-61-1 57-14-7 7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 75-01-4 95-06-7 51235-04-2 69806-40-2 1929-77-7 1929-77-7 50471-44-8 108-05-4 100-42-5 593-60-2
IDMH Iranium Irethane Irox  -Valeraldehyde anadium CC Gegadex elpar (erdict demem (ernolate inclozolin inyl acetate inyl benzene inyl brinde inyl chloride	Inorganic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium	7440-61-1 57-14-7 7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 75-01-4 95-06-7 51235-04-2 69806-40-2 1929-77-7 50471-44-8 108-05-4 109-42-5 593-60-2 75-01-4
IDMH Iranium Irethane Irox  -Valeraldehyde anadium C Gegadex elepar (erdict femem femem femologolin finyl acetate finyl bromide finyl chloride finyl cyanide	Inorganic Inorganic Organic Organic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium n-Valeraldehyde Vanadium Vinyl chloride Sulfallate Hexazinone Haloxyfop-methyl Vernem Vernem Vinclozolin Vinyl acetate Styrene Vinyl chloride Acrylonitrile	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 175-01-4 95-06-7 51235-04-2 69806-40-2 1929-77-7 1929-77-7 50471-44-8 108-05-4 100-42-5 593-60-2 75-01-4 107-13-1
Iranium Iranium Irethane Irox  -Valeraldehyde Irandium Iregadex Ir	Inorganic Inorganic Organic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium n-Valeraldehyde Vanadium Vinyl chloride Sulfallate Hexazinone Haloxyfop-methyl Vernem Vernem Vernem Vernem Vinyl acetate Styrene Vinyl chloride Styrene Vinyl homide Vinyl choride Accylonitride Accylonitride Accylonitride 1,3-Butadiene	7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 710-62-3 7440-62-2 75-01-4 95-06-7 51235-04-2 69806-40-2 1929-77-7 1929-77-7 50471-44-8 100-42-5 593-60-2 75-01-4 100-42-5 100-42-5 100-42-5 100-99-0
IDMH Iranium Irethane Irox  -Valeraldehyde Irandium Irethane Irox  -Valeraldehyde Irandium Irethane Irox  Irethane Irox  Irethane Irox  Irethane Ir	Inorganic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  VanadiumValeraldehyde Vanadium Vinyt chloride Sulfallate Hexazinone Haloxyfop-methyl Vernem Vernem Vinclozolin Vinyl acetate Styrene Vinyl chloride Acrylonitride Acrylonitride Acrylonitride Acrylonitride 1,3-Butadiene 1,1-Dichloroethylene	7440-61-1 57-14-7 7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 110-62-3 7440-62-2 75-01-4 95-06-7 51235-04-2 69806-40-2 1929-77-7 1929-77-7 50471-44-8 108-05-4 100-42-5 593-60-2 75-01-4 107-13-1 106-99-0 75-35-4
Iranium Iranium Irethane Irox  -Valeraldehyde Irandium Iregadex Ir	Inorganic Inorganic Organic	Turbidity  Uranium 1,1-Dimethylhydrazine Uranium Urethane Bromacil  Vanadium n-Valeraldehyde Vanadium Vinyl chloride Sulfallate Hexazinone Haloxyfop-methyl Vernem Vernem Vernem Vernem Vinyl acetate Styrene Vinyl chloride Styrene Vinyl homide Vinyl choride Accylonitride Accylonitride Accylonitride 1,3-Butadiene	7440-61-1 57-14-7 7440-61-1 57-14-7 7440-61-1 51-79-6 314-40-9 7440-62-2 75-01-4 95-06-7 51235-04-2 69806-40-2 1929-77-7 1929-77-7 50471-44-8 108-05-4 100-42-5 593-60-2 75-01-4 107-13-1 106-99-0
	2,4-Trichlorobenzene irichlorobenzenes  insymmetrical-Trichlorobenzene  1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethylene (TCE) Irichloroethylene (TCE) Irichloroethylene glycol Irichlorofluoromethane Irichloromethylbenzene 1-Trichloromethylbenzene 1-Trichloroethylmercapto-tetrahydrophthalimide 4,5-Trichlorophenol 4,5-Trichlorophenol 4,5-Trichlorophenoxypropionic acid 1,2-Trichlorophenoxypropionic acid 1,2-Trichlorophenoxypropionic acid 1,2-Trichlorophenoxypropionic acid 1,2-Trichlorophenoxypropionic  1,3-Trichlorophenoxypropionic  1,2-Trichloro-1,2,2-trifluoroethane Irichlorotrifluoroethane Irichlorotrifluoroethane Irichlorohyn Irichloropheno Irichloropheno Irichlorohyn	2,4-Trichlorobenzene Organic 3,5-Trichlorobenzene Organic inichlorobenzenes Organic inichlorobenzenes Organic inichlorobenzenes Organic inichlorobenzenes Organic inichlorobenzene Organic 1,1-Trichloroethane Organic 1,1-Trichloroethane Organic 1,1-Trichloroethane Organic inichloroethane Organic inichloroethydene (TCE) Organic inichloroethydene (TCE) Organic inichloroethydene (TCE) Organic inichloroethydene (TCE) Organic inichloromethane Organic inichloromethane Organic inichloromethylbenzene Organic inichloromethylbenzene Organic inichloromethylbenzene Organic Organic inichloromethylbenzene Organic Organic Inichloromethylbenzene Organic Organic Inichlorophenol Organic Inichlorophenol Organic Inichlorophenol Organic Inichlorophenol Organic Inichlorophenol Organic Organic Inichlorophenol Organic Organic Inichlorophenol Organic Organic Inichlorophenol Organic Organic Inichlorophenol Organic Organic Inichlorophenol Organic Organic Inichlorophenol Organic Organic Inichlorophenol Organic Organic Inichlorophenol Organic Organic Inichlorophenol Organic Inichlorophenol Organic Inichlorophenol Organic Organic Inichlorophenol Organic Inichlorophenol Organic Inichlorophenol Organic Inichlorophenol Organic Inichlorophenol Organic Inichlorophenol Organic Inichlorophenol Organic Organic Inichlorophenol Organic Inichlorop	2.4-Trichlorobenzene

CONSTITUENT	Category	See Listing(s) Under:	CAS No
Vydate	Organic (	Oxamyl	23135-22-0
Warfarin	Organic 1	Model	Ta
Waxes, chlorinated		Chlorinated paraffins	81-81-2
m-Xylene	Organic 2		1330-20-7
o-Xylene	Organic 2		1330-20-7
p-Xylene	Organic 2	Xylene(s)	1330-20-7
Xylene(s)	Organic 1		1330-20-7
asymmetrical-m-Xylenol	Organic	2,4-Dimethylphenol	105-67-9
2,4-Xylidine	Organic :	2,4-Xylidine	1300-73-8
2,6-Xylidine	Organic	2,6-Xylidine	87-62-7
Zinc	Inorganic	Zinc	7440-66-6
Zinc cyanide	Inorganic	Zinc cyanide	557-21-1
Zinc phosphide		Zinc phosphide	1314-84-7
Zineb	Organic 2	Zineb	12122-67-7
Ziram	Organic	Ziram	137-30-4
Zn	Inorganic	Zinc	7440-66-6

# WATER QUALITY GOALS FOR INORGANIC CONSTITUENTS

INORGANIC		Maximum C	ontaminant Lev		California Public Health Goal (PHG) in Drinking Water (Office of Environmental	California St	Other		
		of Health Services		nvironmental Protection A		Health Hazard	(Department of Health Services)		Taste & Odor
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Alkalinity				1			<del> </del>	T	
Aluminum	1000	200		50 to 200		60 (100)			
Aluminum phosphide						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Ammonia									500 (146)
Ammonium sulfamate									
Antimony	6		6		6	20			
Arsenic	50		50 / 5 (100)	1	zero (100)				
Arsine									0.35 (126)
Asbestos	7 MFL (101)		7 MFL (101)		7 MFL (101)				
Barium	1000		2000		2000				
Beryllium	4		4		4				
Beryllium oxide		† · · · · · · · · · · · · · · · · ·		<del>    -   -     -                  </del>					
Beryllium sulfate				<del> </del>				<del>                                     </del>	
Boron				<del> </del>			1000		
Bromate	10 (100)	<del>                                     </del>	10 (147)		zero (147)				
Bromide	10,1.00/			<del>      -   -   -   -   -  </del>	20.0 (				
Bromine		†		†				· · · · · · · · · · · · · · · · · · ·	6.3 (126)
Cadmium	5	1	5		5	0.07			
Carbon disulfide				1					0.39 (126)
Chloramine	4000 (66,100)		4000 (66)	!	4000 (66)		***************************************		
Chlorate	1000 (00) 1007	<u> </u>	1000 (00)	1	.000 (00)				
Chloride		250,000 (73)		250,000					
Chlorine	4000 (66,100)	200,000 (1.0)	4000 (66)	200.000	4000 (66)				2 (126)
Chlorine diaxide	800 (67,100)		800 (67)	1	300 (67)				670 (126)
Chlorite	1000 (100)		1000 (147)	1	800 (147)				
Chromium (III)		1				200,000			
Chromium (V1)		<u> </u>				0.2			
Chromium (total)	50	· · · · · · · · · · · · · · · · · · ·	100		100	2.5 (134)			
Cobalt				1		53,737			
Color		.15 units		15 units	•				<del></del>
Copper	1300 (111)	1000	1300 (111)	1000	1300	170			
Copper cyanide				1					
Corrosivity	<del></del>	Non-corrosive	······································	Non-corrosive		<del></del>			
Cyanide	200 / 150 (100)	110% 50% 50% 50	200 (137)	11011 2011 2011	200 (137)	150			170 (126)
Cyanogen bromide	2007 100 (1007	<del> </del>	200 (137)	<del> </del>	200 (107)	100			·····
Cyanogen chloride									
Fluoride	2000 (109)	<del> </del>	4000	2000	4000	1000			
Hydrazine	2550 (155)		. 4000						160,000 (126)
Hydrazine sulfate	- +			+					1
Hydrogen selenide	<del> </del>	<del> </del>		<del>†</del>					2.1 (126)
Hydrogen sulfide		<del>                                     </del>		<del> </del>				<del>                                     </del>	0.029 (126)
lodide	<del></del>	<del> </del>	·	<del>                                     </del>					1
Iron		300		300		<del></del>			
Lead	15 (111)	300	15 (111)		zero	2			
Manganese	1	50	(3(111)	50	2810	<del></del>	<del></del>		
Mercuric chloride	<del></del>	30		30				<del> </del>	<del>                                     </del>
Mercury, inorganic	2		2	<del> </del>	2	1.2		<del>                                     </del>	
Molybdenum		<del> </del>				1.6		<del>                                     </del>	<del> </del>
Nickel	100	<del> </del>		+		1 (100)		<del></del>	
Nickel carbonyl	100	<del>                                     </del>		<del> </del>		1 (100)		<del></del>	0.072 (126)
Nickel subsulfide	<u> </u>	<del> </del>		<del> </del>				<del></del>	0.072 (120)
Nitrate	45,000 (72)	<del> </del>	10,000 (103)	+	10,000 (89)	10,000 (103)			<del> </del>
MILITALO	43,000 (72)		10,000 (103)	٠ـــــــــــــــــــــــــــــــــــــ	10,000 (69)	10,000 (103)		<del></del>	I

older-use as last, resort.

	USEPA integrated Risk Information System (IRIS)		ealth Advisories or dverse-Response	Cano		One-in-a-Million Incremental Cancer Risk Estimates for Drinking Water					
INORGANIC	System (IRIS) Reference Dose as a Drinking	Levels	(SNARLs)  r than cancer risk  National Academy	Cal/EPA Cancer Potency Factor as a Drinking	USEPA Integrated Risk Information	USEPA Drinking Water Health Advisory	National Academy of Sciences (NAS) Drinking Water	Regulatory Level as a Drinking Water	Agricultural Water Quality		
CONSTITUENT	Water Level (60)	USEPA	of Sciences (NAS)	Water Level (102)	System (IRIS)	or SNARL	and Health	Level (14)	Goals (78)		
Alkalinity											
Aluminum			5000 (7-day)						5000		
Aluminum phosphide	2.8		<u> </u>			ļ					
Ammonia	<del></del>	30,000 (68)				(D.68)	<u></u>				
Ammonium sulfamate	1400	2000				(D)					
Antimony	2.8	6	ļ	0.023	0.02 (4)	(D)		5 #R	100		
Arsenic	2.1	<del></del>		0.023	0.02 (A)	0.02 (A.68)	<b> </b>	5 #H	100		
Arsine	+			(15)	(A)	7 MFL (A.101)		# (15)			
Asbestos	490	2000 (68)	4700	(13)	(D)	(D.68)		# (13)			
Beryllium	14	30,000 (10-day)	4700		(B1,119)	(0.68)		# (15)	100		
Beryllium oxide	· · · · · · · · · · · · · · · · · · ·	00,000 (10,00)	<del> </del>	0.005	(B2)	<del> </del>		(15)			
Beryllium sulfate	<del>                                     </del>		<del> </del>	0.000012	1321	<del> </del>	<del></del>	(15)	····		
Boron	630	600 (68)		0.000.0		(D.68)		7.5/	700 / 750 (91)		
Bromate		200 (24-hr)	<del>                                     </del>		0.05 (B2)	0.05 (B2,68)					
Bromide			2300			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
Bromine		··		<del></del>		<del>                                     </del>					
Cadmium	3.5	5	5	0.092 (153)	(B1,119)	(D)		#R (15)	10		
Carbon disulfide	700							300 R (5,68)			
Chloramine	700	3000 (68)	166 / 581 (7)		(D)						
Chlorate		(D)	7 / 24 (7)		· · · · · · · · · · · · · · · · · · ·						
Chloride							-		106,000		
Chlorine	700	4000 (68)				(D.68)					
Chlorine dioxide		800 (68)	60 / 210 (7)		(D)	(D.68)					
Chlorite	21	800 (68)	7 / 24 (7)		(D)	(D,68)					
Chromium (III)					10,500 (D)						
Chromium (VI)	21			0.18	(A / D.155)			# (15)	100		
Chromium (total)		1000 (10-day)				(D)					
Cobalt									50		
Color		2.300									
Copper			I		(D)	(D.68)			200		
Copper cyanide	35										
Corrosivity				-							
Cyanide	140	200	<u> </u>		(D)	(D)					
Cyanogen bromide	630										
Cyanogen chloride	350	50 (10-day)	<u> </u>			(D)					
Fluoride	420		<u> </u>			ļ			1000		
Hydrazine		·	ļ	0.012	0.01 (B2)		ļ	0.02#			
Hydrazine sulfate			<del> </del>	0.012	0.01 (B2)			0.1 #	<del></del>		
Hydrogen selenide	<del>                                     </del>	<del></del>	<del>                                     </del>		·				<del></del>		
Hydrogen sulfide	21		ļ				ļ		· · · · · · · · · · · · · · · · · · ·		
lodide			1190				ļ		5000		
Iron	- <del></del>	<del></del>	ļ	4.1	/D2\	(50)		0.05.45.45.	5000 :		
Lead	220		<del> </del>	4.1	(B2)	(B2)	<del> </del>	0.25 #R (5)	5000		
Manganese	330		<del> </del>	<del></del>	(D)	<del> </del>			200		
Mercuric chloride	0.2	<del></del>	<del> </del>		(C) (D)	(0)	<b></b>	R			
Mercury, inorganic	35	40 (68)	<del> </del>		(υ)	(D)		R	10		
Molybdenum	140	100	<del> </del>	(15)		(D.68)	<del></del>	# (15)	10 200		
Nickel	140	100	<del> </del>	(13)	(B2)	<del></del>	<del> </del>	# (15) #R	200		
Nickel carbonyl	<del> </del>		<del> </del>	0.021	(B2) (A)	<del> </del>	<del> </del>	#(15)	<del></del>		
Nickel subsulfide	1	L	1	0.021	(A)	f	1 1	#(13)			

ſ <del></del>			USEP	A Nationa	al Recom	heb nem	Ambient	Water Qua	lity Crit	eria		
		Human Healt				1		hwater A			ction	
		Health Effects		ancer Risk Estimate		Re		ed Criter				
1	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum		Tox	icity inform	ation
INORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous	(Lowest C	bserved Eff	ect Level)
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
Alkalinity		<u> </u>	Γ'	T	1	≥20,000 (9,51)		1				1
Aluminum					<del></del>	87 (2,62)		750 (2,62)				<u> </u>
Aluminum phosphide			<del></del>			07 (2.02)	<del></del>	750(2,02)				
Ammonia						see page 13		see page 13				
Ammonium sulfamate						000 000		0007-30-0			<u> </u>	
Antimony	14 (2)	4300 (2)			·					9000	1600	610 (38)
Arsenic		· · · · · · · · · · · · · · · · · · ·	0.018 (2,94)	0.14 (2,94)		150 (1)		340 (1)				
Arsine						1		1	<del></del>			
Asbestos			7 MFL (101)			<u> </u>						
Barium	1000 (51)											
Beryllium										130	5.3	
Beryllium oxide												
Beryllium sulfate												
Boron												
Bromate												
Bromide						·						
Bromine												
Cadmium						see page 15 (1)		see page 15 (1)				
Carbon disulfide												
Chloramine				ē								
Chlorate				T								
Chloride						230,000 (4)		860,000 (4)				
Chlorine						11 (98)		19 (98)				
Chlorine dioxide												
Chlorite												
Chromium (III)						see page 17 (1)		see page 17 (1)				
Chromium (VI)						11 (1)		16 (1)				
Chromium (total)												L
Cobalt												
Color				<u> </u>	(51,130)				(51,131)			
Copper	1300	ļ		<u> </u>	1000	see page 18 (1)		see page 18 (1)				ļ
Copper cyanide				<u> </u>	<u> </u>							
Corrosivity				<u> </u>	<u> </u>							
Cyanide	700	220,000	<u> </u>	<u> </u>	<u> </u>	5.2 (137)		22 (137)			<u> </u>	<u> </u>
Cyanogen bromide		ļ		<u> </u>								<u> </u>
Cyanogen chloride			L								ļ	ļ
Fluoride		ļ		<del> </del>	<del> </del>	ļ					<u> </u>	
Hydrazine		ļ	<del> </del>	<del> </del>	<b></b>	<del> </del>					ļ	ļ
Hydrazine sulfate		<del> </del>	<u> </u>	ļ	<del> </del>			<del> </del>		·	ļ	<del> </del>
Hydrogen selenide		ļ	ļ	ļ		ļ				·· <del>···</del>		ļ
Hydrogen sulfide		ļ		<del> </del>	<del> </del>	ļ	ļ		2 (51)		<u> </u>	<del> </del>
lodide		Ļ		ļ	<del> </del>						ļ <u></u>	<u> </u>
iron			<u> </u>		300 (51)				1000 (51)			<del> </del>
Lead			ļ <u>.</u>	<u></u>		see page 19 (1)		see page 19 (1)				<del></del>
Manganese		100 (51,127)			50 (51)							
Mercuric chloride	_ <del>_</del>											<del> </del>
Mercury, inorganic	0.050 (2)	0.051 (2)				0.77 (1.140)		1.4 (1,140)				
Molybdenum												ļ
Nickel	610 (2)	4600 (2)	<u> </u>	<u> </u>		see page 20 (1)		see page 20 (1)				
Nickel carbonyl												L
Nickel subsulfide							ļ					<u></u>
Nitrate	10,000 (51,89)	<u></u>	<u> </u>	<u> </u>	L	L					L	1

					ics Rule Cr	iterla (USEP			
	<u> </u>	Inlan						s & Estuarie	
	Human Health (			r Aquatic Life P	rotection	Human Health		r Aquatic Life Pr	otection
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum	
INORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum
Alkalinity									
Aluminum									
Aluminum phosphide									
Ammonia									
Ammonium sulfamate									
Antimony	14 (2)	4300 (2)				4300 (2)			
Arsenic			150 (1,142)	340 (1,142)		<u> </u>	36 (1,142)	69 (1.142)	
Arsine									
Asbestos	7 MFL (101,143)								
Barium								<u> </u>	
Beryllium									
Beryllium oxide									
Beryllium sulfate								L	
Boron									
Bromate									
Bromide									
Bromine									
Cadmium			see page 15 (1,142)	see page 15 (1,142)			9.3 (1,142)	42 (1,142)	
Carbon disulfide								<u> </u>	
Chloramine	\			4				ll	
Chlorate								l	
Chloride									
Chlorine								I	
Chlorine dioxide		· · · · · · · · · · · · · · · · · · ·							
Chlorite								<u> </u>	
Chromium (IfI)			see page 16 (1,143)	see page 16 (1,143)				1	
Chromium (VI)			11 (1,142)	16 (1,142)			50 (1,142)	1100 (1,142)	
Chromium (total)						<u> </u>			
Cobalt								<u> </u>	
Color									
Copper	1300 (2,142)		see page 18 (1,142)	see page 18 (1,142)			3.1 (1,142)	4.8 (1,142)	
Copper cyanide						<u> </u>			
Corrosivity						L			
Cyanide	700 (142)	220,000 (142)	5.2 (142,143)	22 (142,143)		220,000 (142)	1 (142,143)	1 (142,143)	
Cyanogen bromide								L	
Cyanogen chloride									
Fluoride			<u></u>					L	
Hydrazine									
Hydrazine sulfate		····						1	
Hydrogen selenide									
Hydrogen sulfide									
lodide									
Iron								<u> </u>	
Lead			see page 19 (1,142)	see page 19 (1,142)			8.1 (1,142)	210 (1,142)	
Manganese						I			
Mercuric chloride									
Mercury, inorganic	0.05 (2,142)	0.051 (2.142)				0.051 (2,142)			
Molybdenum									
Nickel	610 (2,142)	4600 (2,142)	see page 20 (1,142)	see page 20 (1,142)		4600 (2,142)	8.2 (1.142)	74 (1,142)	
Nickel carbonyl									
Nickel subsulfide									
Nitrate									

	Nu	California Ocean Plan Numerical Water Quality Objectives							sal Recomme Saltwater A				eria
	Human Health			<u> </u>			R a	commend	ed Crite		· · · · · · · · · · · · · · · · · · ·	·	<del></del>
INORGANIC	(30-day Average)	Marine Aquatic Life Protection 6-month 30-day 7-day Daily Instantaneous					Continuous		Maximum Concentration	Instantaneous	Toxicity Information (Lowest Observed Effect Level)		
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum	1	24-hour Average	(1-hour Average)	,	Acute	Chronic	Other
			7	,	7		7. 007 7. 010 907	7	711111111111111111111111111111111111111			<del></del>	
Alkalinity Aluminum	<del></del>				<del> </del>	<del> </del>	ļ	<del> </del>	1			<del> </del>	<del> </del>
Aluminum phosphide			<del> </del>		<del> </del>	<del> </del>						<del> </del>	<del></del>
Ammonia	<del></del>	600 (89)	<del> </del>	<del> </del>	2400 (80)	C000 (00)	25 (442)	<del></del>	222 (442)			<del> </del>	<del> </del>
Ammonium sulfamate	<del></del>	900 (99)	<del> </del>	<del> </del>	2400 (89)	6000 (89)	35 (112)	<del></del>	233 (112)			<del> </del>	<del> </del>
Antimony Antimony	1200		<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>				<del> </del>	<del></del>
Arsenic	1200	8			32	80	36 (1)	<del> </del>	69 (1)				<del>- </del>
Arsine	<del></del>		<del> </del> -	<del></del>	32	<del></del>	36(1)		- pa (1)			<del></del>	<del> </del>
Asbestos		· · · · · · · · · · · · · · · · · · ·	<del> </del>	<del></del>	<del></del>	<del> </del>	<del> </del>		<del></del>			<del> </del>	<del></del>
Barium	<del></del>		<del> </del>	<b></b>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>			<del> </del>	<del></del>
Beryllium	0.033 #	·	<del> </del>		<del> </del>	<del> </del>		<del> </del>	<del> </del>			<del> </del>	<del></del>
Beryllium oxide			<del> </del>		<del> </del>	<del> </del> -			<del> </del>			<del></del>	<del>                                     </del>
Beryllium sulfate	<del></del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>			+	+
Boron	<del></del>		<del>                                     </del>	<del></del>	<del> </del>	<del> </del>	<del>                                     </del>	<del></del>	<del>                                     </del>			<del> </del>	<del>                                     </del>
Bromate	~ <del></del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del></del>	<del>                                     </del>	<del> </del>			+	<del>                                     </del>
Bromide			<del></del>	<del></del>	<del>}</del>		<del> </del>	<del> </del>				<del> </del>	
Bromine			<del></del>		<del>}</del>	<del></del>	<del>}</del>	<del> </del>	<del></del>	<del></del>		<del> </del>	<del> </del>
Cadmium	<del></del>	1	<del> </del>	<del> </del>	4	10	9.3 (1)	<del> </del>	42 (1)	<del></del>		<del> </del>	
Carbon disulfide		<u>-</u>	<del>                                     </del>	<del></del>	<del> </del>	<del> </del>	3.5(1)	<del> </del>	1-2411/			<del> </del>	
Chloramine		····	†	<del> </del>	4	<del> </del>	<del>}</del>	<del>}</del>	<del> </del>	<del></del>		<del>                                     </del>	
Chlorate			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	
Chloride			<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del></del>
Chlorine	<del></del>	2 (90)	<del> </del>	<del> </del>	8 (90)	60 (90)	7.5 (99)	<del> </del>	13 (99)			<del> </del>	
Chlorine dioxide			T	<del></del>	0 (00)	- 30 (30)	1.0 (00)	<del> </del>	13 (33)	<del> </del>		<del> </del>	+
Chlorite			<del>                                     </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del></del>		<del> </del>	<del></del>
Chromium (III)	190,000				<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del></del>	10,300 (96)		
Chromium (VI)		2 (12)	<del></del>	<del> </del>	8 (12)	20 (12)	50 (1)	· <del> </del>	1100 (1)	<del> </del>	10,300 (30)	<del> </del>	<del></del>
Chromium (total)		2 (12)	<del>                                     </del>		8 (12)	20 (12)	30(1)	· <del> </del>	1100(1)				
Cobalt	<del></del>		†	<del> </del>	0 (12)	201.2/	<del> </del>	<del></del>	+			<del> </del>	<del> </del>
Color	<del></del>		<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del></del>	(51,131)			<del> </del>
Copper		3	<del> </del>	<del></del>	12	30	3.1 (1)	<del> </del>	4.8 (1)	131,131)		<del></del>	
Copper cyanide	<del>-  </del>		<del> </del>	<del> </del>	12		3.1(1)	<del> </del>	4.0(1)			<del> </del>	<del></del>
Corrosivity			<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	+
Cyanide	<del></del>	1	<del> </del>	<del> </del>	4	10	1 (137)	<del></del>	1 (137)	<del> </del>	<del></del>	<del>                                     </del>	<del> </del>
Cyanogen bromide	~ <del></del>	·	<del> </del>	<del> </del> -	<del>                                     </del>	10	1 (13/)	<del> </del>	1(137)	<del></del>		<del> </del>	<del></del>
Cyanogen chloride	~		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	· · · · · · · · · · · · · · · · · · ·		<del> </del>	<b>+</b>
Fluoride	<del></del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>	<del> </del>	<del></del>
Hydrazine			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	+
Hydrazine sulfate	<del></del>		<del> </del>	<del>                                     </del>		<del> </del>	<del> </del>	<del> </del>	<del></del>	<del></del>	<del></del>	· <del> </del>	+
Hydrogen selenide	<del></del>	····	<del>                                     </del>	<del> </del>	<del>                                     </del>	+	<del></del>	<del> </del>	<del> </del>		<del></del>	<del> </del>	<del></del>
Hydrogen sulfide	<del></del>	··	<del> </del>	<del> </del>	<del> </del>	+	<del> </del>	<del> </del>	<del> </del>	2 (51)	<del> </del>	<del>- </del>	+
lodide	<del></del>		<del> </del>	<del>                                     </del>	+	+	<del> </del>	+	<del></del>	(31)	<del></del>	<del> </del>	+
Iron	<del></del>		<del> </del>	<del>                                     </del>	<del> </del>	+	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>
Lead	<del></del>	2	<del>                                     </del>	<del> </del> -	8	20	8.1 (1)	+	210 (1)	<del></del>	<del> </del>	+	<del></del>
Manganese	<del></del>	<del></del>	<del> </del>	<del> </del>	<del>                                     </del>	40	0.1(1)	+	210(1)		<del></del>	<del> </del>	+
Mercuric chloride	<del></del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	+		+	+	<del> </del>		<del> </del>	<del></del>
Mercury, inorganic		0.04	<del> </del>	<del>                                     </del>	0.16	0.4	0.94 (1,140)	+	1.8 (1,140)	<del></del>		<del> </del>	
Molybdenum		0.04	<del> </del>	<del></del>	0.10	U.4	0.94 (1,140)	+	1.8 (1,140)			+	+
Nickel		5	<del> </del>	<del> </del>	20	50	9.274	<del> </del>	74/1	<del> </del>	<del> </del>	+	+
Nickel carbonyl	·	<del></del>	<del> </del>	<del> </del>	20	50	8.2 (1)	<del> </del>	74 (1)	<del></del>	<del></del>	<del></del>	1
Nickel subsulfide			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>			<del> </del>	<del> </del>
		<del></del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del> </del>
Nitrate			<u> </u>	L		<del></del>	L	L	L	L		L	1

	· 1	T		
1	Chemical			
	Abstracts			
	Service			
INORGANIC	Registry	İ		
CONSTITUENT _	Number		Synonyms and Abbreviati	o n s
		Y	7	<u> </u>
Alkalinity				
Aluminum	7429-90-5	Al		
Aluminum phosphide	20859-73-8	Ceiphos	Phostoxin	<u> </u>
Ammonia	7664-41-7	NH3	NH4+ (ammonium)	<u> </u>
Ammonium sulfamate	7773-06-0	<u> </u>		
Antimony	7440-36-0	Sb		
Arsenic	7440-38-2	As		
Arsine	7784-42-1	AsH3		
Asbestos	1332-21-4			
Barium	7440-39-3	Ва		
Beryllium	7440-41-7	ße		
Beryllium oxide	1304-56-9	<u> </u>		
Beryllium sulfate	13510-49-1			
Boron	7440-42-8	В		
Bromate	15541-45-4			
Bromide		Br-		
Bromine	7726-95-6			
Cadmium	7440-43-9	Cd		
Carbon disulfide	75-15-0	Carbon bisulfide	CS2	
Chloramine	127-65-1	NH2CI	Menochloramine	
Chlorate		CIO3-		
Chloride	16887-00-6	CI-		
Chlorine	7782-50-5	C12		
Chlorine dioxide	10049-04-4	CIO2		
Chlorite	7758-19-2	CIO2-		
Chromium (III)	16065-83-1	Cr (III)	Chromium, trivalent	
Chromium (VI)	7440-47-3	Cr (VI)	Chromium, hexavalent	
Chromium (total)	7440-47-3	Cr		
Cobalt	7440-48-4	Co		
Color				
Copper	7440-50-8	Cu		
Copper cyanide	544-92-3	Cupricin	Cuprous cyanide	Cyanide, copper
Corrosivity		ļ		<u> </u>
Cyanide	57-12-5	CN-	HCN	Hydrogen cyanide
Cyanogen bromide	506-68-3	Bromine cyanide		
Cyanogen chloride	506-77-4	Chlorine cyanide		
Fluoride	7782-41-4	F-	Fluorine, soluble	
Hydrazine	302-01-2	H2NNH2	Diamine	
Hydrazine sulfate	10034-93-2			_
Hydrogen selenide	7783075	H2Se		
Hydrogen sulfide	7783064	H2S		
lodide		<u> -</u>		
Iron	7439-89-6	Fe		
Lead	7439-92-1	Pb		
Manganese	7439-96-5	Mn		
Mercuric chloride	7487-94-7	HgCl2		
Mercury, inorganic	7439-97-6	Hg		
Molybdenum	7439-98-7	Mo		
Nickel	7440-02-0	Ni		
Nickel carbonyl	13463-39-3			
Nickel subsulfide	12035-72-2			
Nitrate	14797-55-8	NO3-		

		Maximum	Standards (Califo	Is (MCLs)	California Public Health Goal (PHG) In Drinking Water (Office of Environmental	California Sta	Other		
INORGANIC		California Dept. of Health Services		U.S. Environmental Protection Agency			(Department of	Taste & Odor	
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Nitrite	1000 (103)	T.	1000 (103)		1000 (89)	1000 (103)			
Odar		3 threshold units		3 threshold units					
Osmium tetroxide									12 (126)
Oxygen, dissolved									
Ozone									0.28 (126)
Perchlorate							18		
рн				6.5 to 8.5 units					
Phosphate phosphorus									
Phosphine	<u> </u>	<u> </u>						<u> </u>	0.2 (126)
Phosphorus		<u> </u>							
Potassium bromate									
Potassium cyanide	<u> </u>								
Potassium silver cyanide								<u> </u>	
Radioactivity, Gross Alpha	15 pCi/L (110)		15 pCi/L (110)		zero (100)				
Radioactivity, Gross Beta	50 pCi/L	4	4 mrem/yr		zero (100)				
Radium-226 + Radium-228	5 pCi/L	<u> </u>	5 pCì/L		zero (100)				
Radon			300 pCi/L (100)		zero (100)				
Selenium	50	<u> </u>	50		50			<u> </u>	
Settleable solids	<u> </u>		*		<u> </u>				
Silver		100		100					
Silver cyanide									
Sodium	1							<u> </u>	
Sodium azide		<u> </u>	1						<u> </u>
Sodium cyanide	<u> </u>	-l	I					<del></del>	<del></del>
Specific conductance (EC)		900 umhos/cm (74)						<u> </u>	
Strontium				<del></del>					
Strontium-90	8 pCi/L	<u> </u>						<u> </u>	
Sulfate		250,000 (73)	500,000 (100)	250,000	500,000 (100)				
Sulfur dioxide		197						<u> </u>	110 (126)
Thallium	2		2		0.5	0.1		<u> </u>	
Total dissolved solids (TDS)		500,000 (75)		500,000					ļ
Tritium	20,000 pCi/L							<u> </u>	<del> </del>
Turbidity		5 units	1.0/0.5/0.3 NTU (84)						<u> </u>
Uranium	20 pCi/L		20ug/L = 30pCi/L (100)		zero (100)	0.2ug/L = 0.2pCi/L (100)		ļ	ļ
Vanadium								<u> </u>	<del> </del>
Zinc		5000		5000					
Zinc cyanide									<u> </u>
Zinc phosphide									<u> </u>

	USEPA Integrated Risk Information	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs) for toxicity other than cancer risk		Can		on incremental es for Drinking V	Vater	California Proposition 65 Regulatory Level as a	Agricultural
	System (IRIS) Reference Dose as a Drinking			Cal/EPA Cancer Potency Factor	USEPA Integrated	USEPA Orinking Water	National Academy of Sciences (NAS)		
INORGANIC			National Academy	as a Drinking	Risk Information	Health Advisory	Drinking Water	Drinking Water	Water Quality Goals (78)
CONSTITUENT	Water Level (60)	USEPA	of Sciences (NAS)	Water Level (102)	System (IRIS)	or SNARL	and Health	Level (14)	
Nitrite	700	1000 (10-day,89)	T			T T			T T
Odor									
Osmium tetroxide									
Oxygen, dissolved									
Ozone			1						
Perchlorate		20 - 40 (68)							
pH Phosphate phosphorus	<del></del>	<del></del>		<del></del>	<del></del>	<del></del>	<del> </del>		<del> </del>
Phosphine Phosphic us	1 2	<del> </del>	†		(D)		<del>                                     </del>	· · · · · · · · · · · · · · · · · · ·	
Phosphorus	0.14 (40)	0.1 (40)			(D)	(D)	<del>-</del>		<del></del>
Potassium bromate	1			0.071	<u> </u>	<del></del>		0.5#	
Potassium cyanide	350								
Potassium silver cyanide	1400								
Radioactivity, Gross Alpha						0.15 pCi/L (A,110)			
Radioactivity, Gross Beta	1					0.04 mrem/yr (A)			
Radium-226 + Radium-228	1					(A)			
Radon			T			1.5 pCi/L (A)			
Selenium	35	50			(D)	(D)			20
Settleable solids									
Silver	35	100			(D)	(D)			
Silver cyanide	700								
Sodium		2000 (57)							
Sodium azide	28								
Sodium cyanide	280								
Specific conductance (EC)									700 µmhos/cm
Strontium	4200	4000 (68)	8400 (7-day)			(D.68)			
Strontium-90						(A)			
Sulfate									
Sulfur dioxide		×.							
Thallium	0.6	0.5			(D)				
Total dissolved solids (TDS)									450,000
Tritium						(A)		#	
Turbidity									
Uranium	21		35			(A)		#	
Vanadium	63 (123)					(D)			100
Zinc	2100	2000 (68)	<u> </u>		(D)	(D,68)			2000
Zinc cyanide	350								
Zinc phosphide	2								

	USEPA National Recommended Ambient Water Quality Criteria												
		Human Healt					Fres	hwater A	quatic Li	fe Prote	ction		
		Health Effects		ancer Risk Estimate		R	commend			<u> </u>			
	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum			icity inform		
INORGANIC	Drinking Water	(aquatic organism		(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous		Observed Ef		
CONSTITUENT	(water+organisms)	consumption only	(water+organisms	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other	
Nitrite				1		T							
Odor													
Osmium tetroxide							<u> </u>						
Oxygen, dissolved				<u> </u>		see page 21	see page 21					T	
Ozone							<del></del>			<del></del>		1	
Perchlorate													
pH		1	1		5 to 9 units (51)		Ì		6.5 to 9.0 units (51)		1		
Phosphate phosphorus					1	(141)							
Phosphine						· · · · · · · · · · · · · · · · · · ·	<del>                                     </del>						
Phosphorus			ţ			<del></del>							
Potassium bromate								<del></del>				T	
Potassium cyanide						<del> </del>	<del> </del>					T	
Potassium silver cyanide				<del> </del>			<del> </del>						
Radioactivity, Gross Alpha		<u> </u>	T	<del> </del>		† <del></del>	<del> </del>		<del>}</del>				
Radioactivity, Gross Beta			<u> </u>	<del> </del>			<del></del>				T		
Radium-226 + Radium-228			T			1					1		
Radon				<del></del>		1	<del>                                     </del>					1	
Selenium	170 (2)	11,000 (2)				5.0 (135)	1	(135,136)					
Settleable solids			<del>                                     </del>	3		1	<del>                                     </del>		(51,131)			T	
Silver	·		i	<del> </del>		<del>                                     </del>	<del> </del>		see page 22 (1)				
Silver cyanide							<del> </del>					T	
Sodium	<del></del>	† · · · · · · · · · · · · · · · · · · ·	T	<del></del>	İ				<del>                                     </del>				
Sodium azide		T	T	<del> </del>		t	1	<del> </del>	<del> </del>	<del></del>			
Sodium cyanide				<del></del>			†		† · · · · · · · · · · · · · · · · · · ·				
Specific conductance (EC)												7	
Strontium		T		<del>                                     </del>	<u> </u>		<del> </del>		†		<del>                                     </del>		
Strontium-90		· · · · · · · · · · · · · · · · · · ·	<u> </u>	<del> </del>		1			<del> </del>		<del> </del>		
Sulfate			1	<del>                                     </del>	250,000 (51,133)			<del></del>	<del> </del>				
Sulfur dioxide			1	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<del> </del>	1					T	
Thattium	1.7 (2)	6.3 (2)	T	T		<del> </del>	<del></del>	<del></del>		1400	40	20 (16)	
Total dissolved solids (TDS)		T	T		250,000 (51,133)	1	1	<del>                                     </del>					
Tritium		<u> </u>			1	<del>                                     </del>	<del>                                     </del>					7	
Turbidity			T		<del> </del>	<del></del>	<del></del>	·	(51,131)	<del> </del>	<del> </del>	T	
Uranium	T	<u> </u>	1	<del>                                     </del>		1		<del> </del>	1		1		
Vanadium	_	<del> </del>	<del> </del>	<del> </del>	1	1			<del> </del>				
Zinc	9100 (2)	69,000 (2)			5000	see page 23 (1)		see page 23 (1)				1	
Zinc cyanide		1			<del></del>	1 22 22 23 (17	<del>                                     </del>	1 22 23 23 23	<del></del>	<u> </u>			
Zinc phosphide		1		T	<del> </del>	† · · · · · · · · · · · · · · · · · · ·					<del> </del>	1	
		<del>/</del>	<del></del>	<del></del>	·	<u> </u>	<del></del>	<del></del>	<del></del>	<u> </u>	<del></del>	<del></del>	

					ics Rule Ci	Iteria (USEF			
			d Surface W					s & Estuario	
		30-day Average)		er Aquatic Life P	rotection	Human Health		r Aquatic Life P	rotection
	<b>Drinking Water Sources</b>		Continuous	Maximum		(30-day Average)	Continuous	Maximum	
INORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum
Nitrite						T		1	
Odor									
Osmium tetroxide									
Oxygen, dissolved									
Ozone									
Perchlorate									
рН	1							<u> </u>	
Phosphale phosphorus									
Phosphine									
Phosphorus						<u> </u>			
Polassium bromate									
Potassium cyanide									
Polassium silver cyanide						<u> </u>	···		
Radioactivity, Gross Alpha						ļ		L	
Radioactivity, Gross Beta						<u> </u>			
Radium-226 + Radium-228									
Radon									
Selenium			5.0 (97,142)	20 (85,142)		1	71 (1,142)	290 (1.142)	
Settleable solids				3					
Silver				see page 22 (1,142)				1.9 (1,142)	
Silver cyanide					<del></del>				
Sodium									
Sodium azide							<del></del>		
Sodium cyanide									
Specific conductance (EC)									
Strontium						<u> </u>			
Strontium-90									
Sulfate			ļ			<del> </del>			
Sulfur dioxide				<del> </del>		<del> </del>	·		
Thallium	1.7 (2.143)	6.3 (2,143)	<del> </del>			6.3 (2,143)		ļ	· · · · · · · · · · · · · · · · · · ·
Total dissolved solids (TDS)			ļ			ļ	<del></del>	<b> </b>	
Tritium			ļ				<del></del>	<u> </u>	
Turbidity			<b></b>					<u> </u>	<del></del>
Uranium						<del> </del>	·	- <b></b>	
Vanadium			20/4 / :=:	0.014		ļ			
Zinc			see page 23 (1,142)	see page 23 (1,142)			81 (1,142)	90 (1,142)	<del></del>
Zinc cyanide			ļ			<del> </del>			
Zinc phosphide	L		L	L		<u> </u>		<u> </u>	

	N		lifornia			_	US	EPA Nation					ria
	Human Health	mericai	Water C	uality C	Diectiv	<u> </u>		<del></del>		Aquatic Life	Protection	<u> </u>	
	(30-day Average)						<del></del>	commend	Maximum	ria		icity inform	
INORGANIC	aquatic organism	6-month	30-day	uatic Life F		Y	Continuous		Concentration				
CONSTITUENT	consumption only	Median	Average	7-day Average	Daily Maximum	Instantaneous Maximum	Concentration	24-hour Average		instantaneous Maximum	Acute	Observed Ef	Other
	consumption only	Median	Average	Average	Maximum	Maximum	(4-day Average)	24-nour Average	(1-nour Average)	Maximum	ACUIT	Caronic	) Other
Nitrite													
Odor							ļ				ļ	<u> </u>	
Osmium tetroxide						L		<u> </u>	<u> </u>		ļ		<u> </u>
Oxygen, dissolved										<u> </u>	ļ.,		
Ozone								<u> </u>					
Perchlorate			<u> </u>										
рH						6.0 to 9.0 units (117)				6.5 to 8.5 units (51,132)			
Phosphate phosphorus							(141)						
Phosphine							<del> </del>	<del></del>					
Phosphorus			1		<del></del>	<del> </del>				0.1 (51,79)			
Potassium bromate						<del> </del>	<del> </del>	<del></del>	<del></del>		† <del></del>		
Potassium cyanide						<del></del>			1		<b>†</b>		
Potassium silver cyanide						<del> </del>		<del> </del>			1		
Radioactivity, Gross Alpha						<del></del>	<del> </del>				<del> </del>		
Radioactivity, Gross Beta			T			<del> </del>	r	<del> </del>	1				
Radium-226 + Radium-228									<del> </del>		1		
Radon						<del> </del>		<del> </del>	<u> </u>		T		
Selenium		15			60	150	71 (1)	†	290 (1)		T	1	
Settleable solids			1000 (117)	1500 (117)		3000 (117)	<del></del>	<del> </del>			<del> </del>		
Silver		0.7	T		2.8	7		1	1	1.9 (1)	1		
Silver cyanide						1	ļ	i	<del>                                     </del>				
Sodium							1	1	1		1	1	
Sodium azide							<u> </u>				1		
Sodium cyanide													
Specific conductance (EC)													
Strontium													
Strontium-90													
Sulfate								1					
Sulfur dioxide													
Thallium	14						T		1		2130		
Total dissolved solids (TDS)						<del></del>	1			1			
Tritium			1			1		<del>                                     </del>	1				
Turbidity			75 NTU (117)	100 NTU (117)		225 NTU (117)	1	1	<del></del>				
Uranium			T			T	t		<del> </del>	1	1	<del>                                     </del>	
Vanadium			1			Ţ	1	† · · · · · · · · · · · · · · · · · · ·	† <u>-</u>	1	1		
Zinc		20	1		80	200	81 (1)	1	90 (1)		7	1	
Zinc cyanide			T		<del></del>	<del></del>	1	1	1	1	<del> </del>		
Zinc phosphide	1		T	· · · · · · · · · · · · · · · · · · ·		<del> </del>	<del>                                     </del>	<del></del>	<del> </del>	T		<del></del>	

	Chemical				
	Service	1			
INORGANIC	Registry	j.			
CONSTITUENT	Number		Synonyms and Abbr	aviations	
Nitrite	14797-65-0	NO2-			
Odor		<del> </del>			{
Osmium tetroxide	20816-12-0	OsO4			
Oxygen, dissolved	7782447	Dissolved Oxygen	02	00	
Ozone	10028-15-6	03			
Perchlorate		CIO4-			
pH		negative log of H+ concentration			
Phosphate phosphorus					
Phosphine	7803-51-2	Hydrogen phosphide			
Phosphorus	7723-14-0	P			
Potassium bromate	7758012				
Potassium cyanide	151-50-8	Cyanide, potassium			
Potassium silver cyanide	506-61-6	Silver potassium cyanide			
Radioactivity, Gross Alpha		Gross Alpha radioactivity			
Radioactivity, Gross Beta		Gross Beta radioactivity			
Radium-226 + Radium-228	7440-14-4	226Ra + 228Ra			
Radon	14859-67-7	Rn			
Selenium	7782-49-2	Se			
Settleable solids					
Silver	7440-22-4	Ag			
Silver cyanide	506-64-9	Cyanide, silver			
Sodium	7440-23-5	Na			
Sodium azide	26628-22-8	Azide, sodium			
Sodium cyanide	143-33-9	Cyanide, sodium			
Specific conductance (EC)		Electrical Conductivity	Conductivity	EC	
Strontium	7440-24-6	Sr			
Strontium-90		905/			
Sulfate		SO4=			
Sulfur dioxide	7446095				
Thallium	7440-28-0	Th			
Total dissolved solids (TDS)		TDS			
Tritium	10028-17-8	эн			
Turbidity					
Uranium	7440-61-1	U			
Vanadium	7440-62-2	V			
Zinc	7440-66-6	Zn _			
Zinc cyanide	557-21-1	Cyanide, zinc			
Zinc phosphide	1314-84-7		•		
		~			

#### WATER QUALITY GOALS FOR INORGANIC CONSTITUENTS FRESHWATER AQUATIC LIFE - AMMONIA

						USEP	A Natio	nal Ar	nbient					a to Pi		Freshy	A retev	quatic	Life					
							Cont	inuous	Conc													Maximum C	oncentration	,
			Ele	b Earl	y Life	51270					1		, , , , , ,			lv life	\$12.50	s Abse				1-hour Avr	ı. (ma N/L)	
			- F.13		empera			,,,,			1 -			FI		em per						Salmonids		.
рН	0	14	16	18	20	22	24	26	28	30		0 - 7	8	9	10	11	12	13	14	15 t	16 †	Present	Absent	рН
6.5	6.67	6.67	6.06	5.33	4.68	4,12	3.62	3.18	2.80	2.46	i F	10.8	10.1	9.51	8.92	8.36	7.84	7.35	6.89	6.46	6.06	32.6	48.8	6.5
6.6	6.57	6.57	5.97	5.25	4.61	4.05	3.56	3.13	2.75	2.42	1	10.7	9.99	9.37	8.79	8.24	7.72	7.24	6.79	6.36	5.97	31.3	46.8	6.6
6.7	6.44	6.44	5.86	5.15	4.52	3.98	3.50	3.07	2.70	2.37	1	10.5	9.81	9.20	8.62	8.08	7.58	7.11	6.66	6.25	5.86	29.8	44.6	6.7
6.8	6.29	6.29	5.72	5.03	4.42	3.89	3.42	3.00	2.64	2.32	1	10.2	9.58	8.98	8.42	7.90	7.40	6.94	6.51	6.10	5.72	28.0	42.0	6.8
6.9	6.12	6.12	5.56	4.89_	4.30	3.78	3.32	2.92	2.57	2.25		9.93	9.31	8.73	8.19	7.68	7.20	6.75	6.33	5.93	5.56	26.2	39.2	6.9
7.0	5.91	5.91	5.37	4.72	4.15	3.65	3.21	2.82	2.48	2.18	1 🗔	9.60	9.00	8.43	7.91	7.41	6.95	6.52	6.11	5.73	5.37	24.1	36.1	7.0 7.1 7.2
7.1	5.67	5.67	5.15	4.53	3.98	3.50	3.08	2.70	2.38	2.09		9.20	8.63	8.09	7.58	7.11	6.67	6.25	5.86	5.49	5.15	21.9	32. <del>9</del>	7.1
7.2	5.39	5.39	4.90	4.31	3.78	3.33	2.92	2.57	2.26	1.99		8.75	8.20	7.69	7.21	6.76	6.34	5.94	5.57	5.22	4.90	19.7	29.5	7.2
7.3	5.08	5.08	4.61	4.06	3.57	3.13	2.76	2.42	2.13	1.87		8.24	7.73	7.25	6.79	6.37	5.97	5.60	5.25	4.92	4.61	17.5	26.2	7.3 7.4 7.5 7.6 7.7 7.8 7.9
7.4	4.73	4.73	4.30	3.78	3.32	2.92	2.57	2.26	1.98	1.74		7.69	7.21	6.76	6.33	5.94	5.57	5.22	4.89	4.59	4.30	15.3	23.0	7.4
7.5	4.36	4.36	3.97	3.49	3.06	2.69	2.37	2.08	1.83	1.61		7.09	6.64	6.23	5.84	5.48	5.13	4.81	4.51	4.23	3.97	13.3	19.9	7.5
7.6	3.98	3.98	3.61	3.18	2.79	2.45	2.16	1.90	1.67	1.47		6.46	6.05	5.67	5.32	4.99	4.68	4.38	4.11	3.85	3.61	11.4	17.0	7.6
7.7	3.58	3.58	3.25	2.86	2.51	2.21	1.94	1,71	1.50	1.32	] [:	5.81	5.45	5.11_	4.79	4.49	4.21	3.95	3.70	3.47	3.25	9.64	14.4	7.7
7.8	3.18	3.18	2.89	2.54	2.23	1.96	1.73	1.52	1.33	1,17		5.17	4.84	4.54	4.26	3.99	3.74	3.51	3.29	3.09	2.89	8.11	12.1	7.8
7.9	2.80	2.80	2.54	2.24	1.96	1.73	1.52	1.33	1.17	1.03	] [	4.54	4.26	3.99	3.74	3.51	3.29	3.09	2.89	2.71	2.54	6.77	10.1	7.9
8.0	2.43	2.43	2.21	1.94	1.71	1.50	1.32	1.16	1.02	0.897	نا ا	3.95	3.70	3.47	3.26	3.05	2.86	2.68	2.52	2.36	2.21	5.62	8.41	8.0
8.1	2.10	2.10	1.91	1.68	1.47	1.29	1.14	1.00	0.879	0.773		3.41	3.19	2.99	2.81	2.63	2.47	2,31	2.17	2.03	1.91	4.64	6.95	
8.2	1.79	1.79	1.63	1.43	1.26	1.11	0.973	0.855	0.752	0.661		2.91	2.73	2.56	2.40	2.25	2.11	1.98	1.85	1.74	1.63	3.83	5.73	8.2
8.3	1.52	1.52	1.39	1.22	1,07	0.941	0.827	0.727	0.639	0.562	J L_	2.47	2.32	2.18	2.04	1.91	1.79	1.68	1.58	1.48	1.39	3.15	4.71	8.3
8.4	1.29	1.29	1,17	1.03	0.906	0.796	0.700	0.615	0.541	0.475		2.09	1.96	1.84	1.73	1.62	1.52	1.42	1.33	1.25	1.17	2.59	3.88	8.4 8.5
8.5	1.09	1.09	0.990	0.870	0.765	0.672	0.591	0.520	0.457	0.401	JL	1.77	1.66	1.55	1.46	1.37	1.28	1.20	1.13	1.06	0.990	2.14	3.20	8.5
8.6	0.920	0.920	0.836	0.735	0.646	0.568	0.499	0.439	0.386	0.339	J	1.49	1.40	1.31	1.23	1,15	1.08	1.01	0.951	0.892	0.836	1.77	2.65	8.6 8.7
8.7	0.778	0.778	0.707	0.622	0.547	0.480	0.422	0.371	0.326	0.287		1.26	1.18	1,11	1.04	0.976	0.915	0.858	0.805	0.754	0.707	1.47	2.20	
8.8	0.661	0.661	0.601	0.528	0.464	0.408	0.359	0.315	0.277	0.244		1.07	1.01	0.944	0.885	0.829	0.778	0.729	0.684	0.641	0.601	1.23	1.84	8.8
8.9	0.565	0.565	0.513	0.451	0.397	0.349	0.306	0.269	0.237	0.208		0.917	0.860	0.806	0.756	0.709	0.664	0.623	0.584	0.548	0.513	1.04	1.56	8.9 9.0
9.0	0.486	0.486	0.442	0.389	0.342	- 0.300	0.264	0.232	0.204	0.179	يا (	0.790	0.740	0.694	0.651	0.610	0.572	0.536	0.503	0.471	0.442	0.885	1.32	9.0

#### Notes:

- † At 15 C and above, the criterion for fish early life stages absent is the same as the criterion for fish early life stages present
- ‡ In addition, the highest four-day average within the 30-day period should not exceed 2,5 times the Criteria Continuous Concentration shown in the above lable.

#### Criteria Continuous Concentration

30-day average total ammonia nitrogen (in mg N/L) ‡

when fish early life etames are present

$$CCC = \left(\frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}}\right) \times MIN\left(2.85, 1.45 \times 10^{0.028 \times \left(25 - T\right)}\right)$$

when fish early life stages are absent:

$$CCC = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) \times 1.45 \times 10^{0.028 \times \left(25-MAX(T,7)\right)}$$

where T = temperature in degrees C

#### Criteria Maximum Concentration

1-hour average total ammonia nitrogen (in mg N/L)

where salmonid fish are present:

$$CMC = \frac{0.275}{1 + 10^{7.204 - pH}} + \frac{39.0}{1 + 10^{pH - 7.204}}$$

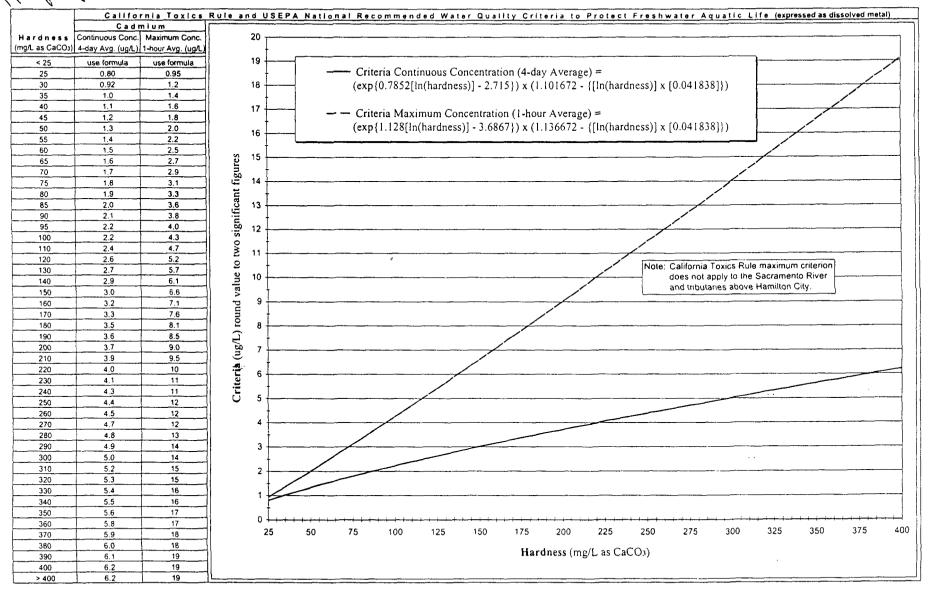
where salmonid fish are not present:

$$CMC = \frac{0.411}{1 + 10^{7.204 - pH}} + \frac{58.4}{1 + 10^{pH - 7.204}}$$

# WATER QUALITY GOALS FOR INORGANIC CONSTITUENTS SALTWATER AQUATIC LIFE - AMMONIA

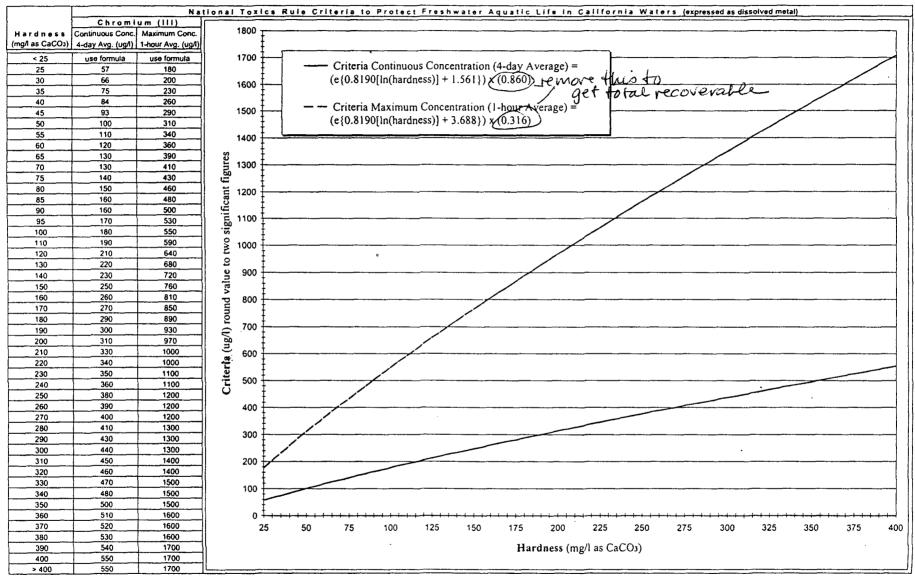
Criteria Cantinuous Concentrations. 4-day Avg. (mg/L)   Criteria Maximum Concentrations. 1-hour Avg. (mg/L)   Temperature. C   15				US	SEPA Na	tional /	Ambient	Water	Quality	Criteria t	o Prote	ct Saltw	ater Ac	uatic L	ife			
																		!
PH   0   5   10   15   20   25   30   35   0   5   10   15   20   25   30   35	1 1	Crite	ria Con					Avg. (	mg/L)	Criti	eria Ma					Avg. (n	ng/L)	1 1
		_	_								_							11
To	DH			10	15	20	25	30	35			10	15	20	25	30	35	рН
Total Contro				S	alinity	= 10 g/k	g					s	alinity	= 10 g/k	g			
Total   17	7.0	41	29	20	14	9.4	6.6	4.4	3.1	270	191	131	92	62	44	29	21	7.0
To   To   To   To   To   To   To   To	7.2	26	18	12	8.7	5.9	4.1	2.8	2.0	175	121	83	58	40	27	19	13	7.2
Solinity = 20 g/kg   Solinit	7.4	17	12	7.8	5.3		2.6	1.8	1.2	110	77		35	25				7.4
10	7.6	10		5.0	3.4		1.7											7.6
Salinity = 20 g/kg	7.8	6.6	4.7	3.1	2.2	1.5	1,1	0.75	0.53		31	21	15		7.1			7.8
1.7	8.0	4.1	2.9	2.0	1.40	0.97	0.69	0.47	0.34								2.3	8.0
Salinity = 20 g/kg   Salinity = 30 g/kg   Salinit	8.2	2.7	1.8	1.3	0.87	0.62	0.44	0.31	0.23					<del></del>				8.2
8.8   0.69   0.50   0.34   0.25   0.18   0.14   0.11   0.08   2.9   2.1   1.5   1.1   0.85   0.67   0.52   0.44      Salinity = 20 g/kg   Salinity = 20 g/kg   Salinity = 20 g/kg	8.4	1.7						0.21	0.16									8.4
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		<del></del>																8.6
To   Salinity = 20 g/kg   Salinity = 20 g/kg   Salinity = 20 g/kg																		8.8
To   To   To   To   To   To   To   To	9.0	0.44	0.31	0.23	0.17	0.13	0.10	0.08	0.07	2.9	2.1	1.5	1.1	0.85	0.67	0.52	0.44	9.0
To   To   To   To   To   To   To   To				s	alinity	= 20 g/k	. g					s	alinity	= 20 g/k	. g	<del></del>		
7.2         27         19         13         9.0         6.2         4.4         3.0         2.1         183         125         87         60         42         29         20         14           7.4         18         12         8.1         5.6         4.1         2.7         1.9         1.3         116         79         54         37         27         18         12         8.7           7.8         6.9         4.7         3.4         2.3         1.6         1.1         0.78         0.53         46         31         23         15         11         7.5         5.2         3.5           8.0         4.4         3.0         21         1.5         1.0         0.72         0.50         0.34         29         20         14         9.8         6.7         4.8         3.3         2.3         1.5         1.1         7.5         5.2         3.5           8.0         4.4         3.0         2.9         0.44         0.30         0.22         0.16         12         8.1         5.6         4.0         2.9         2.0         1.5         1.1           8.6         1.1         0.78         0.56	(30)		20					4.7	7,	201	200					24	21	7.0
7,4         18         12         8.1         5.6         4.1         2.7         1.9         1.3         116         79         54         37         27         18         12         8.7           7.6         11         7.5         5.3         3.4         2.5         1.7         1.2         0.84         73         50         35         23         17         11         7.9         5.6           8.0         4.4         3.0         2.1         1.5         1.0         0.72         0.50         0.34         46         31         23         15         11         7.5         5.2         3.5           8.2         2.8         1.9         1.3         0.94         0.66         0.47         0.31         0.24         19         13         8.9         6.2         4.4         3.1         2.1         1.6           8.4         1.8         1.2         0.84         0.59         0.44         0.30         0.22         0.16         12         8.1         5.6         4.0         2.9         2.0         1.5         1.1           8.6         0.72         0.50         0.37         0.26         0.19         0.14 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>7.2</td></t<>																		7.2
7.6         11         7.5         5.3         3.4         2.5         1,7         1,2         0.84         73         50         35         23         17         11         7.9         5.6           7.8         6.9         4.7         3.4         2.3         1.6         1.1         0.78         0.53         46         31         23         15         11         7.5         5.2         3.5           8.0         4.4         3.0         2.1         1.5         1.0         0.72         0.50         0.34         46         31         23         15         11         7.5         5.2         3.5           8.1         1.2         0.84         0.59         0.44         0.30         0.22         0.16         12         8.1         5.6         4.0         2.9         2.0         1.5         1.1           8.8         0.72         0.50         0.34         0.28         0.20         0.15         0.12         7.5         5.2         3.7         2.7         1.9         1.4         1.0         0.73           8.0         0.72         0.50         0.34         0.24         0.18         0.13         0.10         0.08 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><del></del></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>74</td>								<del></del>										74
7.8         6.9         4.7         3.4         2.3         1.6         1.1         0.78         0.53           8.0         4.4         3.0         2.1         1.5         1.0         0.72         0.50         0.34           8.2         2.8         1.9         1.3         0.94         0.66         0.47         0.31         0.24           8.4         1.8         1.2         0.84         0.59         0.44         0.30         0.22         0.16           8.6         1.1         0.78         0.56         0.41         0.28         0.20         0.15         0.12           8.8         0.72         0.50         0.37         0.26         0.19         0.14         0.11         0.08           9.0         0.47         0.34         0.24         0.18         0.13         0.10         0.08         0.07           Salinity = 30 g/kg					<del></del>								<del></del>					7.6
8.0 8.0 8.2 8.4 9.8 1.9 1.3 0.94 0.66 0.47 0.31 0.24 1.8 1.1 1.8 1.2 0.84 0.59 0.44 0.30 0.22 0.16 1.1 0.78 0.56 0.41 0.28 0.20 0.15 0.12 0.47 0.31 0.08 0.47 0.34 0.47 0.34 0.24 0.18 0.13 0.10 0.08 0.07   Salinity = 30 g/kg   Salinity = 30 g/kg   Salinity = 30 g/kg   Salinity = 30 g/kg  11 11 11 11 11 11 11 11 11 11 11 11 1			<del></del>			<del></del>		<del></del>	<del> </del>									7.8
8.2 8.4 1.8 1.2 0.84 0.59 0.44 0.30 0.22 0.16 8.6 1.1 0.78 0.55 0.41 0.28 0.20 0.15 0.12 8.7 8.8 0.72 0.50 0.47 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.34 0.24 0.18 0.13 0.10 0.08 0.07 0.31 0.23 0.16 0.12 0.87 0.89 0.54 0.44 0.44 0.44 0.44 0.44 0.44 0.44										\		<del></del>						8.0
8.4								-							·		<del></del>	8.2
8.6 1.1 0.78 0.56 0.41 0.28 0.20 0.15 0.12 8.8 0.72 0.50 0.37 0.26 0.19 0.14 0.11 0.08 9.0 0.47 0.34 0.24 0.18 0.13 0.10 0.08 0.07  Salinity = 30 g/kg  Salinity = 30						<del></del>												8.4
8.8																		8.6
Salinity = 30 g/kg   Salinity = 30 g/kg   Salinity = 30 g/kg     7.0				_					+									8.8
Salinity = 30 g/kg					<del></del>												<del></del>	9.0
7.0         47         31         22         15         11         7.2         5.0         3.4         312         208         148         102         71         48         33         23           7.2         29         20         14         9.7         6.6         4.7         3.1         2.2         196         135         94         64         44         31         21         15           7.4         19         13         8.7         5.6         4.1         2.9         2.0         1.4         125         85         58         40         27         19         13         9.4           7.6         12         8.1         5.6         3.7         3.1         1.8         1.3         0.90         79         54         37         25         21         12         8.5         6.0           7.8         7.5         5.0         3.4         2.4         1.7         1.2         0.61         0.56         50         33         23         16         11         7.9         5.4         3.7           8.0         4.7         3.1         2.2         1.6         1.1         0.75         0.53         0.37 <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u> </u></td> <td></td> <td>L</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>لبتنتيا ا</td>	<u> </u>									<u> </u>		L						لبتنتيا ا
7.2         29         20         14         9.7         6.6         4.7         3.1         2.2         196         135         94         64         44         31         21         15           7.4         19         13         8.7         5.6         4.1         2.9         2.0         1.4         125         85         58         40         27         19         13         9.4           7.6         12         8.1         5.6         3.7         3.1         1.8         1.3         0.90         79         54         37         25         21         12         8.5         6.0           7.8         7.5         5.0         3.4         2.4         1.7         1.2         0.81         0.56         50         33         23         16         11         7.9         5.4         3.7           8.0         4.7         3.1         2.2         1.6         1.1         0.75         0.53         0.37         31         21         15         10         7.3         5.0         3.5         2.5           8.0         4.7         3.1         2.2         1.6         0.59         0.59         0.53 <th< td=""><td></td><td></td><td></td><td>s</td><td>alinity</td><td>= 30 g/k</td><td>g</td><td></td><td></td><td></td><td></td><td>s</td><td>allnity</td><td>= 30 g/k</td><td>g</td><td></td><td></td><td>]</td></th<>				s	alinity	= 30 g/k	g					s	allnity	= 30 g/k	g			]
7.2         29         20         14         9.7         6.6         4.7         3.1         2.2         196         135         94         64         44         31         21         15           7.4         19         13         8.7         5.6         4.1         2.9         2.0         1.4         125         85         58         40         27         19         13         9.4           7.6         12         8.1         5.6         3.7         3.1         1.8         1.3         0.90         79         54         37         25         21         12         8.5         6.0           7.8         7.5         5.0         3.4         2.4         1.7         1.2         0.81         0.56         50         33         23         16         11         7.9         5.4         3.7           8.0         4.7         3.1         2.2         1.6         1.1         0.75         0.53         0.37         31         21         15         10         7.3         5.0         3.5         5.4         3.7           8.0         4.7         3.3         0.90         0.69         0.50         0.34 <t< td=""><td>7.0</td><td>47</td><td>31</td><td>22</td><td>15</td><td>11</td><td>7.2</td><td>5.0</td><td>3.4</td><td>312</td><td>208</td><td>148</td><td>102</td><td>71</td><td>48</td><td>33</td><td>23</td><td>7.0</td></t<>	7.0	47	31	22	15	11	7.2	5.0	3.4	312	208	148	102	71	48	33	23	7.0
7.4         19         13         8.7         5.6         4.1         2.9         2.0         1.4         125         85         58         40         27         19         13         9.4           7.6         12         8.1         5.6         3.7         3.1         1.8         1.3         0.90         79         54         37         25         21         12         8.5         6.0           7.8         7.5         5.0         3.4         2.4         1.7         1.2         0.61         0.56         50         33         23         16         11         7.9         5.4         3.7           8.0         4.7         3.1         2.2         1.6         1.1         0.75         0.53         0.37         31         21         15         10         7.3         5.0         3.5         2.5           8.2         3.0         2.1         1.4         1.0         0.69         0.50         0.34         0.25         20         14         9.6         6.7         4.6         3.3         2.3         1.7           8.2         4.1         1.9         1.3         0.90         0.62         0.44         0.31		29	20	14	9.7	6.6	4.7	3.1	2.2	196	135	94	64	44	31	21	15	7.2
7.8         7.5         5.0         3.4         2.4         1.7         1.2         0.81         0.56         50         33         23         16         11         7.9         5.4         3.7           8.0         4.7         3.1         2.2         1.6         1.1         0.75         0.53         0.37         31         21         15         10         7.3         5.0         3.5         2.5           8.2         3.0         2.1         1.4         1.0         0.69         0.50         0.34         0.25         20         14         9.6         6.7         4.6         3.3         2.3         1.7           8.4         1.9         1.3         0.90         0.62         0.44         0.31         0.23         0.17         12.7         8.7         6.0         4.2         2.9         2.1         1.6         1.1           8.6         1.2         0.84         0.59         0.41         0.30         0.22         0.16         0.12         8.1         5.6         4.0         2.7         2.0         1.4         1.1         0.81		19	13	8.7	5.6	4.1	2.9	2.0	1.4	125	85	58	40	27	19	13	9.4	7.4
8.0     4.7     3.1     2.2     1.6     1.1     0.75     0.53     0.37     31     21     15     10     7.3     5.0     3.5     2.5       8.2     3.0     2.1     1.4     1.0     0.69     0.50     0.34     0.25     20     14     9.6     6.7     4.6     3.3     2.3     1.7       8.4     1.9     1.3     0.90     0.62     0.44     0.31     0.23     0.17     12.7     8.7     6.0     4.2     2.9     2.1     1.6     1.1       8.6     1.2     0.84     0.59     0.41     0.30     0.22     0.16     0.12     8.1     5.6     4.0     2.7     2.0     1.4     1.1     0.81	7.6	12	8.1	5.6	3.7	3.1	1.8	1.3	0.90	79	54	37	25	21	12	8.5	6.0	7.6
8.0     4.7     3.1     2.2     1.6     1.1     0.75     0.53     0.37     31     21     15     10     7.3     5.0     3.5     2.5       8.2     3.0     2.1     1.4     1.0     0.69     0.50     0.34     0.25     20     14     9.6     6.7     4.6     3.3     2.3     1.7       8.4     1.9     1.3     0.90     0.62     0.44     0.31     0.23     0.17     12.7     8.7     6.0     4.2     2.9     2.1     1.6     1.1       8.6     1.2     0.84     0.59     0.41     0.30     0.22     0.16     0.12     8.1     5.6     4.0     2.7     2.0     1.4     1.1     0.81		7,5	5.0	3.4	2.4	1.7	1.2	0.81	0.56	50	33		16	11	7.9	5.4	3.7	7.8
8.2     3.0     2.1     1.4     1.0     0.69     0.50     0.34     0.25     20     14     9.6     6.7     4.6     3.3     2.3     1.7       8.4     1.9     1.3     0.90     0.62     0.44     0.31     0.23     0.17     12.7     8.7     6.0     4.2     2.9     2.1     1.6     1.1       8.6     1.2     0.84     0.59     0.41     0.30     0.22     0.16     0.12     8.1     5.6     4.0     2.7     2.0     1.4     1.1     0.81						1.1	0.75	0.53	0.37					7.3	5.0	3.5	2.5	8.0
8.4         1.9         1.3         0.90         0.62         0.44         0.31         0.23         0.17         12.7         8.7         6.0         4.2         2.9         2.1         1.6         1.1           8.6         1.2         0.84         0.59         0.41         0.30         0.22         0.16         0.12         8.1         5.6         4.0         2.7         2.0         1.4         1.1         0.81			2.1		1.0	0.69	0.50	0.34	0.25	20	14	9.6	6.7	4.6	3.3	2.3	1,7	8.2
8.6 1.2 0.84 0.59 0.41 0.30 0.22 0.16 0.12 8.1 5.6 4.0 2.7 2.0 1.4 1.1 0.81						<del></del>		+									1,1	8.4
						0.30		0.16							1.4		0.81	8.6
	8.8	0.78	0.53	0.37	0.27	0.20	0.15	0.11	0.09	5.2	3.5	2.5	1.8	1.3	1,0	0.75	0.58	8.8
9.0 0.50 0.34 0.26 0.19 0.14 0.11 0.08 0.07 3.3 2.3 1.7 1.2 0.94 0.71 0.56 0.46	<del></del>					0.14	0.11	0.08	0.07					0.94	0.71	0.56	0.46	9.0

Six of Si



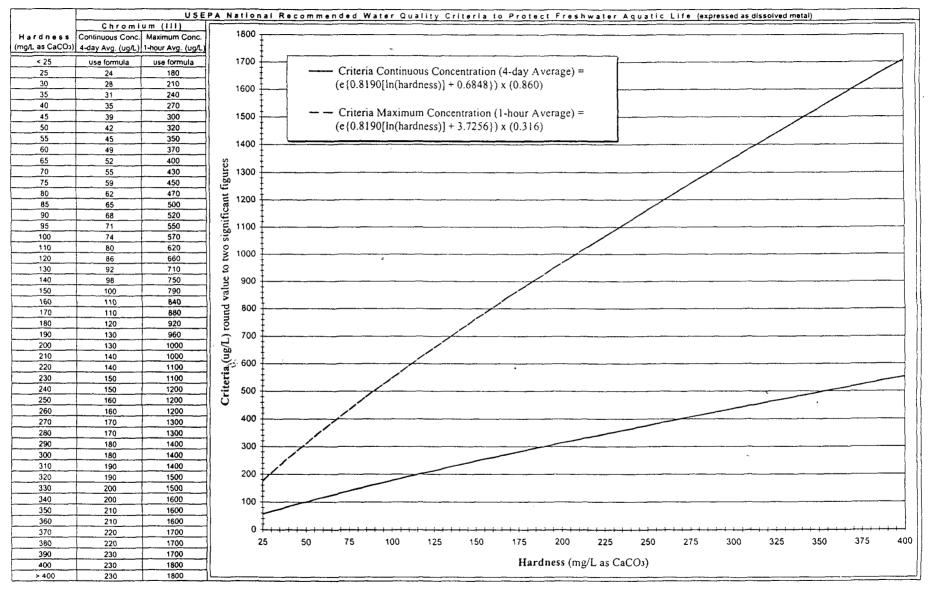
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# WATER QUALITY GOALS FOR INORGANIC CONSTITUENTS FRESHWATER AQUATIC LIFE - CHROMIUM (111)

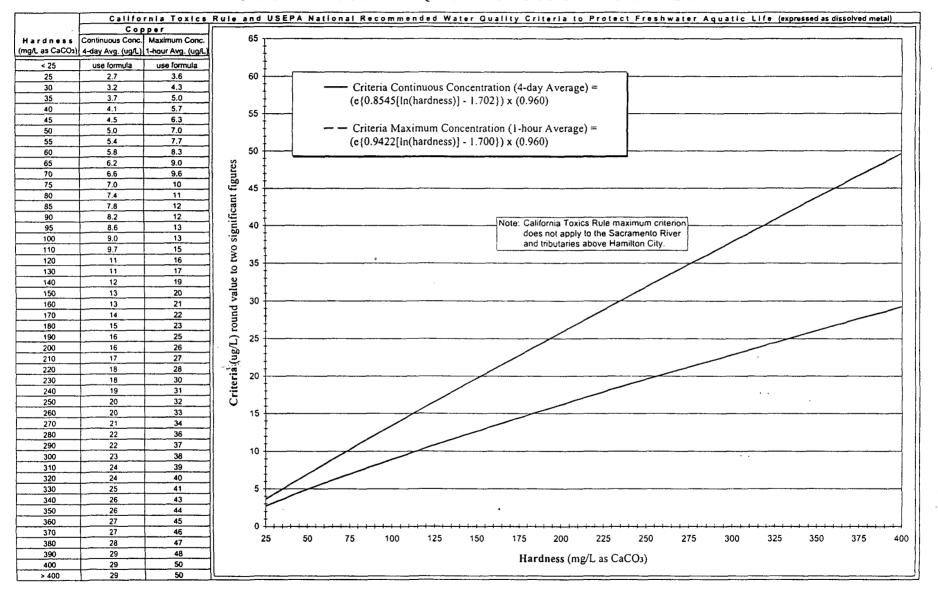


Non wonded

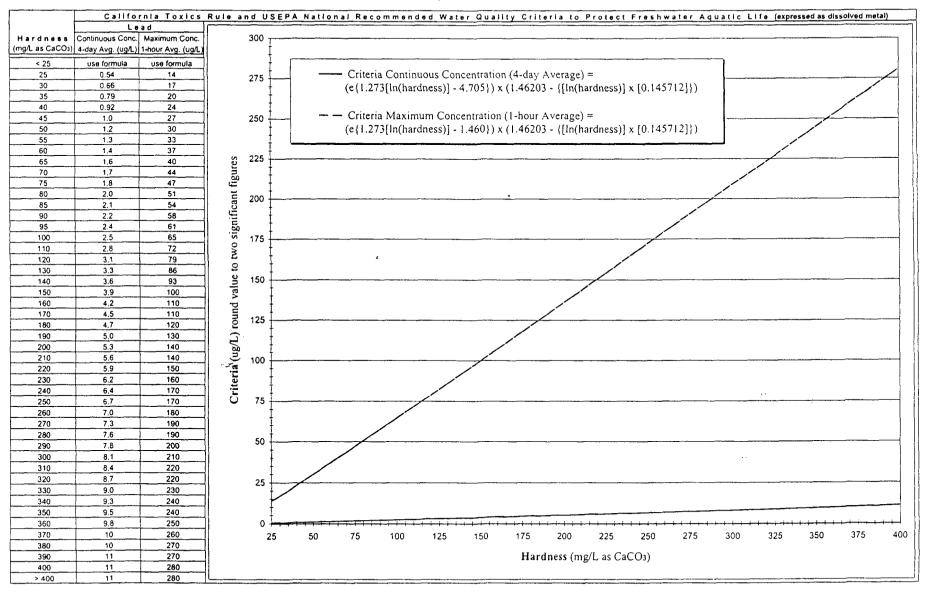
# WATER QUALITY GOALS FOR INORGANIC CONSTITUENTS FRESHWATER AQUATIC LIFE - CHROMIUM (III)



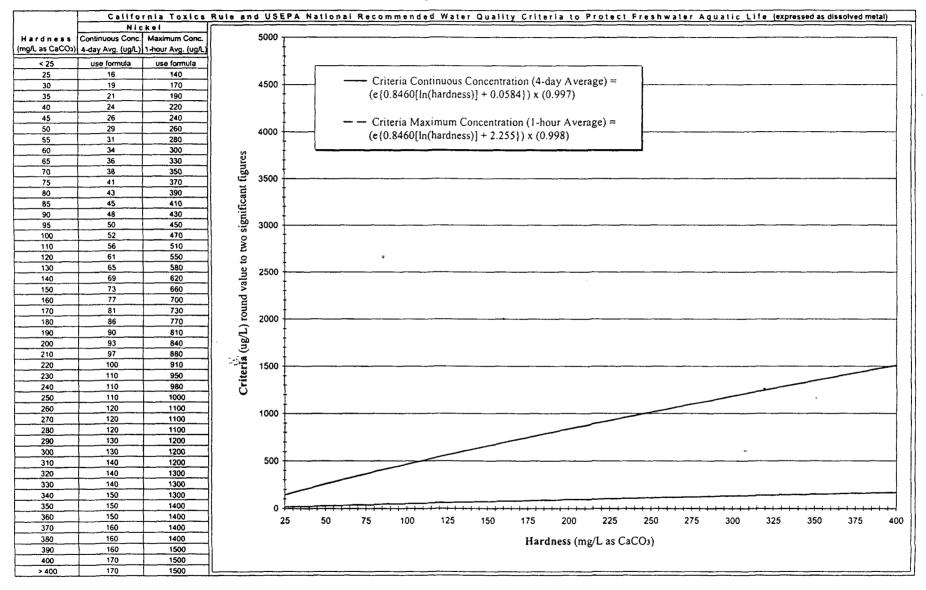
## WATER QUALITY GOALS FOR INORGANIC CONSTITUENTS FRESHWATER AQUATIC LIFE - COPPER



## WATER QUALITY GOALS FOR INORGANIC CONSTITUENTS FRESHWATER AQUATIC LIFE - LEAD



## WATER QUALITY GOALS FOR INORGANIC CONSTITUENTS FRESHWATER AQUATIC LIFE - NICKEL



#### WATER QUALITY GOALS FOR INORGANIC CONSTITUENTS FRESHWATER AQUATIC LIFE - OXYGEN, DISSOLVED

	to Prote	al Ambient Water ct Freshwater Aq solved Oxygen (n	uatic Life	
С	oldwater Criter	i a	Warmwate	r Criteria
Early Stages Water Column		Other Life Stages	Early Life Stages (b)	Other L Stage
Not Applicable	Not Applicable	6.5	Not Applicable	5.5
9.5	6.5	Not Applicable	6.0	Not Applica
Not Applicable	Not Applicable	5.0	Not Applicable	4.0
8.0	5.0	3.0	5.0	3.0

#### 30-Day Mean 7-Day Mean 7-Day Mean Minimum 1-Day Minimum (c)

#### Notes:

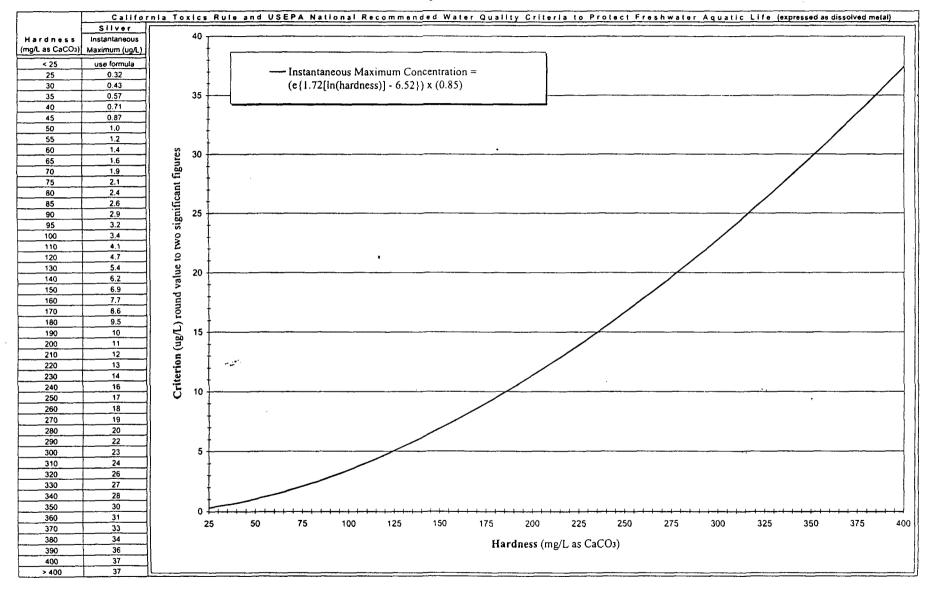
....

- The water column concentrations are recommended to achieve the required intergravel dissolved oxygen concentrations.
  - For species that have early life stages exposed directly to the water column, the intergravel concentrations apply.
- Includes all embryonic and larval stages and all juvenile forms to 30-days following hatching.
  - For reservoire or other manipulable discharges, the application of the one day minimum criterion must limit either the frequency of occurrence of values below the acceptable 7-day mean minimum or must impose further limits on the extent of excursions below the 7day mean minimum. For such controlled discharges, it is recommended that the occurrence of the daily minima below the acceptable 7day mean mimimum be limited to 3 weeks per year or that the acceptable one-day minimum be increased to 4.0 mg/L for coldwater fish and 3.5 mg/L for warmwater fish.

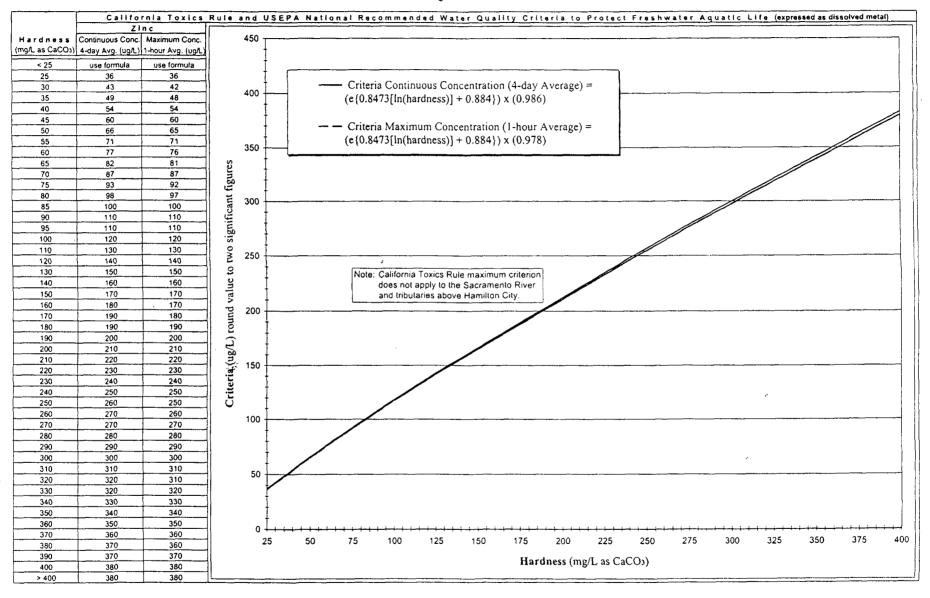
Other Life Stages

Not Applicable

## WATER QUALITY GOALS FOR INORGANIC CONSTITUENTS FRESHWATER AQUATIC LIFE - SILVER



## WATER QUALITY GOALS FOR INORGANIC CONSTITUENTS FRESHWATER AQUATIC LIFE - ZINC



# WATER QUALITY GOALS FOR ORGANIC CONSTITUENTS

ORGANIC		Maximum (	Contaminant Lev			California Public Health Goal (PHG) In Drinking Water (Office of Environmental		tate Action Levels	Other
1		of Health Services		Environmental Protection		Health Hazard		of Health Services)	Taste & Odor
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
A-alpha-C			····		T				
Acenaphthene									
Acenaphthylene									
Acephate				1					
Acetaldehyde									34 (126)
Acetamide									
Acetic acid									97,000 (126)
Acetochlor									
Acetone									20.000 (126)
Acetonitrile				<u> </u>					300,000 (126)
Acetophenone									
2-Acetylaminofluorene									
Acetylene				1					670 (126)
Acifluorfen	· · · · · · · · · · · · · · · · · · ·	<u> </u>			zero (68)				
Acrolein			w						110 (126)
Acrylamide			(105)	<u> </u>	zero				
Acrylic acid					<u> </u>			<u> </u>	
Acrylonitrile				1					9100 (126)
Actinomycin D									
AF-2				1	ļ				
Aflatoxins									
Alachior	2		2		zero	4			
Aldicarb		1	7 (148)		7 (148)		7		
Aldicarb sulfone			7 (148)		7 (148)				
Aldicarb sulfoxide			7 (148)		7 (148)				
Aldrin					<del> </del>		0.002 #		
Ally				ļ	ļ				11.000 (10.5)
Allyl alcohol				<del></del>					14.000 (126)
Amdro					ļ <u> </u>				
Ametryn				<del></del>	<del> </del>				
2-Aminoanthraquinone		<del></del>		<del></del>	<u> </u>				
o-Aminoazotoluene					<del> </del>			<del>_   </del>	
4-Aminobiphenyl					<del> </del>				
3-Amino-9-ethylcarbazole hydrochloride									
1-Amino-2-methylanthraquinone									
2-Amino-5-(5-nitro-2-furyl)-1,3,4- thiadiazole									
Amitraz		T		<del> </del>					
Amitrole				<del>                                     </del>	<del>                                     </del>		<u> </u>		
n-Amyl acetate					† · · · · · · · · · · · · · · · · · · ·			<del></del>	37 (126)
Aniline				† <del></del>	1				65,000 (126)
o-Anisidine					<del> </del>				
o-Anisidine hydrochloride		<del> </del>			<del>                                     </del>			~ <del></del>	
Anthracene		<del>                                     </del>		<del> </del>	<del>                                     </del>				
Apollo		<del>                                     </del>		·	<del> </del>				
Aramite	·				<del> </del>				
Assure		<del>                                     </del>		<u> </u>	† · · · · · · · · · · · · · · · · · · ·				
Asulam		<del> </del>		<del>                                     </del>					
Atrazine	3 / 1 (100)		3	<del> </del>	3	0.15			
Auramine		<del> </del>		<del></del>	·				
Avermectin B1		†·		<del> </del>	<del> </del>				

1	Risk Information		lealth Advisories or Adverse-Response	Can		on incremental es for Drinking !	Natar	California Proposition 65	-
•	System (IRIS) Reference Dose	Levels	(SNARLs) er than cancer risk	Cal/EPA Cancer Potency Factor	USEPA Integrated	USEPA Drinking Water	National Academy of Sciences (NAS)	Regulatory Level as a	Agricultural
ORGANIC CONSTITUENT	as a Drinking Water Level (60)	USEPA	National Academy of Sciences (NAS)	as a Drinking Water Level (102)	Risk information System (IRIS)	Health Advisory or SNARL	Drinking Water and Health	Drinking Water Level (14)	Water Quality Goals (78)
A-alpha-C				0.088		1		1#	
Acenaphthene	420								
Acenaphthylene					(D)				
Acephate	2.8				4 (C)				
Acetaldehyde	280 (68)				(82)			#	
Acetamide				0.5				5#	
Acetic acid									
Acetochlor	140		Ţ <u></u>					35 # (68)	
Acetone	700				(D)				
Acetonitrile					(D)				
Acetophenone	700				(D)				
2-Acetylaminofluorene				0.0092				0.1 #	
Acetylene									
Acifluorfen	91	2000 (10-day)				1 (B2)		10 # (68)	
Acrolein					(C)	1			
Acrylamide	1,4	300 (10-day)		0.0078	0.008 (B2)	0.01 (B2)	0.024	0.1#	
Acrylic acid	3500								
Acrylonitrile		20 (10-day)		0.035	0.06 (B1)	0.06 (B1)	0.38	0.35 #	
Actinomycin D				0.000004				0.00004 #R	
AF-2				0.15				1.5#	
Aflatoxins								0.01 # (68)	
Alachior	70	100 (10-day)	700	0.63		0.4 (B2)		4.5 # (68)	
Aldicarb	7	7	0.2 / 0.7 (7)		(D)	(D)	2.3 (21)		
Aldicarb sulfone	7	7			(D)	(D)	T		
Aldicarb sulfoxide		7				(D)		<del></del>	
Aldrin		0.3 (10-day)		0.0021	0.002 (B2)	0.002 (B2)	0.003	0.02 #	
Ally	1750								
Allyl alcohol	35	•		1.7	(C)	1			
Amdro	2.1								
Ametryn	63	60				(D)			
2-Aminoanthraquinone				1.1		1		10#	
o-Aminoazotoluene				0.0092				0.1 #	
4-Aminobiphenyl				0.0017				0.015 #	
3-Amino-9-ethylcarbazole hydrochloride				0.45				4,5 #	
1-Amino-2-methylanthraquinone				0.23				2.5 #	
2-Amino-5-(5-nitro-2-furyl)-1,3,4- thiadiazole				0.0022				0.02 #	
Amitraz	18		<del> </del>	3.0022		<del> </del>	<del>                                     </del>	R R	
Amitrole				0.037		<del></del>	<del> </del>	0.35#	
n-Amyl acetate	<del> </del>		<del>                                     </del>				<del> </del>		
Aniline				6.1	6 (B2)		<del> </del>	50 #	
o-Anisidine				0.25				2.5 #	
o-Anisidine hydrochloride	<u> </u>		<del> </del>	0.32				3.5 #	
Anthracene	2100		<u> </u>		(D)	(D)		V.V.	
Apolio	9.1		<del>                                     </del>		(C)	1-7-			
Aramite	† <del>-</del>			1.2	1 (82)	<del> </del>	<del>                                     </del>	10#	
Assure	63				(D)			······································	
Asulam	350					†	<del> </del>		
Atrazine	25	20	150	0.15		(C)	<del> </del>	· · · · · · · · · · · · · · · · · · ·	<del></del>
Auramine			<del>                                     </del>	0.04		197	<del>  </del>	0.4 #	
Avermectin B1	2.8	<del></del>	<del> </del>	V.04		<del></del>	<del> </del>	U,4 #	

	<del></del>	<del></del>	USEP	A Nationa	I Recom	mended	Ambient	Water Qua	lity Crit	eria		
		Human Healtl					Fres	hwater A	quatic Li	fe Prote	ction	
	Non-Cancer	Health Effects	One-in-a-Million Ca	ancer Risk Estimate		R		ed Criter				
	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum			Icity Inform	
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous	(Lowest	Observed Ef	
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
A-alpha-C	1					<del></del>	r	T			1	7
Acenaphthene	1200	2700			20			l		1700		520 (38)
Acenaphthylene			<u> </u>			<del>                                     </del>		<del> </del>	<del></del>			1
Acephate	<del> </del>							+			<u> </u>	
Acetaldehyde	<del> </del>											
Acetamide			· · · · · · · · · · · · · · · · · · ·			l		1				
Acetic acid	1							<del> </del>				
Acetochlor	i							1				
Acelone								11				
Acetonitrile	1							<del> </del>				
Acetophenone												1
2-Acetylaminofluorene	<del></del>											
Acatylene			l									
Acifluorfen	1					t		1				
Acrolein	320	780								68	21	
Acrylamide				T								
Acrylic acid												
Acrylonitrile			0.059 / 0.055 (68)	0.66 / 4.0 (68)						7550		2600 (17)
Actinomycin D												
AF-2				2			1					
Aflatoxins												
Alachlor									76 (8)			
Aldicarb												
Aldicarb suifone												
Aldicarb sulfoxide												
Aldrin			0.00013	0.00014					3			
Alty										T		
Allyl alcohol												
Amdro			Ţ									
Ametryn		3.45										
2-Aminoanthraquinone												
o-Aminoazotoluene												
4-Aminobiphenyl												
3-Amino-9-ethylcarbazole hydrochloride												
1-Amino-2-methylanthraquinone	· · · · · · · · · · · · · · · · · · ·		<del>                                     </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>				
2-Amino-5-(5-nitro-2-furyl)-1,3,4-	<del> </del>			· · · · · · · · · · · · · · · · · · ·		<del> </del>	<del>                                     </del>	1				
thiadiazole		ļ	Į.	1	ļ	Į.		į į	ļ	(	<b>\</b>	-
Amitraz	<del> </del>							<u> </u>		1	1	
Amitrole	<del> </del>	<u> </u>		<del> </del>		<del>                                     </del>	<del> </del>	<del>                                     </del>		1		
n-Amyl acetate	+		<del>                                     </del>			<del> </del>	<del></del>	†		T	1	
Aniline	<del> </del>	<u> </u>		<del> </del>		14 (68)	† · · · · · · · · · · · · · · · · · · ·	28 (68)		<del> </del>	1	
o-Anisidine	<del> </del>		<del> </del>			T	<del>                                     </del>	1 22127		<del>                                     </del>	1	
o-Anisidine hydrochloride					·			T		T	1	
Anthracene	9600	110,000									1	
Apollo	<del>                                     </del>	1	<del> </del>	<del> </del>		1	<del> </del>	<del> </del>		1	1	
Aramite	1	1	<del></del>			<del>                                     </del>	1	<u> </u>	·	1		
Assure	<del></del>	†	T			<del> </del>		1				<del></del>
Asulam	1		<del> </del>	<del> </del>		T	<del>                                     </del>	1		<del> </del>	1	1
Atrazine	<del> </del>	<del> </del>	<del></del>	<del> </del>		12 (68)	<del> </del>	330 (68)	1.0 (8)	1	1	1
Auramine	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	1-100)	<del> </del>	1 - 555 (56)			<del>                                     </del>	+
Avermectin B1	<del> </del>	<del> </del>	<del> </del>	<del> </del>	· · · · · · · · · · · · · · · · · · ·	<del> </del>	<del> </del>	<del> </del>				<del></del>
CTONINGCON O I			<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>	·	4	<del></del>

-					ics Rule C	riteria (USEF			
			d Surface W				nclosed Bay		
	Human Health (			er Aquatic Life F	rotection	Human Health		r Aquatic Life P	rotection
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum	į
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum
A-alpha-C	T								
Acenaphihene	1200	2700				2700			
Acenaphthylene									
Acephale									
Acetaldehyde									
Acetamide									
Acetic acid									
Acetochlor									
Acetone									
Acetonitrile									
Acetophenone									
2-Acetylaminofluorene									
Acetylene									
Acifluorien									
Acrolein	320 (143)	780 (143)				780 (143)			
Acrylamide									
Acrylic acid									
Acrylonitrile	0.059 (113,143)	0.66 (113,143)				0.66 (113,143)			
Actinomycin D								L	
AF-2				4					
Aflatoxins									
Alachlor						<u> </u>			
Aldicarb	<u> </u>								
Aldicarb sulfone	<u> </u>		·			<u> </u>			
Aldicarb sulfoxide	<u> </u>								
Aldrin	0.00013 (113)	0.00014 (113)			3	0.00014 (113)			1.3
Alfy									
Allyl alcohol	<u> </u>				<del></del>		<del></del>		
Amdro									
Ametryn									
2-Aminoanthraquinone	<del>                                     </del>			ļ					
o-Aminoazotoluene	<u> </u>			<del></del>					
4-Aminobiphenyl									
3-Amino-9-ethylcarbazole hydrochloride									
1-Amino-2-methylanthraquinone									
2-Amino-5-(5-nitro-2-furyl)-1,3,4- thiadiazole									
Amitraz								"	
Amitrole									
n-Amyl acetate									
Aniline									
o-Anisidine									
o-Anisidine hydrochloride									
Anthracene	9600	110,000				110,000			
Apollo									
Aramite									
Assure									
Asulam									
Atrazine	<del> </del>					T			
Auramine	1								
Avermectin B1	1			1	<u> </u>	1			

	Nu		lifornia Water C			e s	υs	SEPA Nation	al Recomme Saltwater A	nded Ambie quatic Life	nt Water G	uality Crit	eria
	Human Health						Re	commend	ed Crite				
ORGANIC	(30-day Average)	6-month	Marine Ac	uatic Life 7-day	Protection Daily	Instantaneous	Continuous Concentration		Maximum Concentration	Instantaneous		icity Inform	nation (fect Level)
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum		24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
	consumption only		Average	Average	1 Maximum	Maximum	(4-day Average)	2441001 Average	Traiour Average/	maximum.	Acuto		
A-alpha-C						<u> </u>						<u></u>	
Acenaphthene					L						970	710	500 (38)
Acenaphthylene	0.0088 # (33)				<u> </u>		<u> </u>				300 (52)	<u> </u>	<b></b>
Acephate				L			L						
Acetaldehyde													ļ
Acetamide												<u> </u>	
Acetic acid													
Acetochlor													
Acetone													
Acetonitrile						T	· · · · · · · · · · · · · · · · · · ·	<del> </del>	1			1	
Acetophenone	1		1			· · · · · · · · · · · · · · · · · · ·							1
2-Acetylaminofluorene	<del>                                     </del>		1	<del></del>	<del></del>	<del> </del>	<del> </del>	<del> </del>				<del>                                     </del>	1
Acetylene	<del> </del>			<del></del>	1	<del> </del>	<del> </del>	<del> </del>	<del></del>			<del>                                     </del>	1
Acifluorien	1		1		1	<del> </del>	<del> </del>		<del>                                     </del>			1	
Acrolein	220		†	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del>   </del>		55		
Acrylamide	<del></del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>		
Acrylic acid	<del> </del>				<del> </del>	<del> </del>	<del> </del> -	<del> </del>	<del> </del>			<del> </del>	+
	0.10#		<del> </del>	<del></del>	<del> </del>	<del> </del>	ļ	<del></del>	<del>                                     </del>	<del></del>		<del> </del>	<del></del>
Acrylonitrile	0.10#		<del></del>	<del></del>	<del> </del>	<del> </del>		<del> </del>				<del> </del>	+
Actinomycin D	<del>                                     </del>				<del> </del>							<del></del>	<del></del>
AF-2	·		ļ	<u> </u>	<u> </u>	<del></del>	·	<u> </u>				ļ	
Aflatoxins						<u> </u>	<u> </u>				L		
Alachlor							ļ	1					
Aldicarb					<u> </u>								<u> </u>
Aldicarb sulfone				<u> </u>	<u> </u>								
Aldicarb suffoxide				<u></u>									
Aldrin	0.000022#									1.3			
Ally													
Altyl alcohol													
Amdro													
Ametryn			1					<u> </u>					
2-Aminoanthraquinone			1				· ·						
o-Aminoazotoluene	<del>                                     </del>		†			<del> </del>		<del> </del>	<del> </del>		<del></del>		
4-Aminobiphenyl			<del> </del>		<del> </del>	<del> </del>	<del> </del>	†	·		1	<del> </del>	
3-Amino-9-ethylcarbazole hydrochloride		<del></del>											
1-Amino-2-methylanthraquinone	<del> </del>			<del> </del>	<del> </del>		<del></del>				<del></del>		<del></del>
2-Amino-5-(5-nitro-2-furyl)-1,3.4-	<del></del>		<del> </del>	<del> </del>	<u> </u>		<del> </del>	<del></del>	<del> </del>		Ļ	<del></del>	<del></del>
thiadiazole													
Amitraz	<del>                                     </del>		<u></u>		<del> </del>			1				<del> </del>	
Amitrole			L	L	L			1					
n-Amyl acetate				L							L		<del></del>
Aniline							37 (68)		77 (68)				
o-Anisidine													
o-Anisidine hydrochloride											l		
Anthracene	0.0088 # (33)									L	300 (52)		
Apollo				1									
Aramite								T					
Assure			1	1			<del> </del>	1					
Asulam				<del> </del>		<u> </u>	1	1	1				
Atrazine	† <del></del> †		1	<del> </del>	1	1	11 (68)		310 (68)			7	
Auramine	<del> </del>			<del> </del>	1		1		† · · · · · · · · · · · · · · · · · · ·			<del> </del>	1
Avermedin B1	1			<del> </del>	1	<u> </u>	<del> </del>		<del>   </del>			1	1
Avermectin B1			L	J	<del></del>	<u> </u>	L	L	<u>.                                    </u>		L	1	

	1	T		
	Chemical	ļ		
I	Abstracts			
	Service			
ORGANIC	Registry			
CONSTITUENT	Number	s	<u>ynonyms a</u> nd Abbreviatio	опъ
	20140.00.5			
A-alpha-C	26148-68-5 83-32-9	2-Amino-9H-pyrido(2,3-b)indole	2-Amino-alpha-carboline	Glob-P-2
Acenaphthene	208-96-8	1,2-Dihydroacenaphthylene	<del> </del>	a polynuclear aromatic hydrocarbon
Acenaphthylene	30560-19-1	<del></del>		a polynuclear aromatic hydrocarbon
Acephate	75-07-0	Ethanal	<del></del>	<del> </del>
Acetaldehyde Acetamide	60-35-5	Acetic acid amide	Ethanamide	Methanecarboxamide
Acetic acid	64-19-7	Acetic acid arride	cmanamoe	Methanecarboxamide
Acetic acid Acetochlor	34256-82-1			<del></del>
Acetone	67-64-1	Dimethylketone		<del> </del>
Acetonitrile	75-05-8	Ethyl nitrile	Cyanomethane	<del></del>
Acetophenone	98-86-2	Phenylmethylketone	Cyanometrane	· · · · · · · · · · · · · · · · · · ·
2-Acetylaminofluorene	53-96-3	2-AAF	2-Acetaminofluorene	2-Fluorenylacetamide
Acetylene	74-86-2	Ethyne	- Additional of the	5 - 100 any acetamina
Acifluorien	62476-59-9	Blazer		<del>                                     </del>
Acrolein	107-02-8	Digital		<del> </del>
Acrylamide	79-06-1	2-Propeneamide		
Acrylic acid	79-10-7	2-Propenoic acid		<del></del>
Acrylonitrile	107-13-1	2-Propenentitrile	Vinyl cyanide	Cyanoethylene
Actinomycin D	50-76-0	Dactinomycin	VIII) Cyanias	Cyanostryrene
AF-2	3688-53-7	2-(2-Furyl)-3-(5-nitro-2-furyl)acrylamide	Furylamide	<del> </del>
Aflatoxins	1402-68-2	E (E 1 diff) o (o mo e tor) (bar) tarmo	T stylenos	
Alachlor	15972-60-8	Alochlor	Lasso	Alanex
Aldicarb	116-06-3	Temik	C6330	NBIIGX
Aldicarb sulfone	1646-88-4	T GITTER	<del> </del>	<del></del>
Aldicarb sulfoxide	1040-00-4	<del> </del>	<del> </del>	
Aldrin	309-00-2	1,4:5,8-Dimethanonaphthalene	Aldrosol	HHDN
Ally	74223-64-6	DPX 6376	Metasulfuron methyl ester	711014
Ally alcohol	107-18-6	Propenyl alcohol	·	<del></del>
Amdro	67485-29-4	Troponyr diadria	<del> </del>	
Ametryn	834-12-8	Ametrex	<del> </del>	<del></del>
2-Aminoanthraquinone	117-79-3		<del></del>	<del> </del>
o-Aminoazotoluene	97-56-3	4'-Amino-2,3-dimethylazobenzene	<del> </del>	<del> </del>
4-Aminobiphenyl	92-67-1	4-Aminodiphenyl	4-Biphenylamine	<del></del>
3-Amino-9-ethylcarbazole		7 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 /	T Dipromy among	<del></del>
hydrochloride	6109-97-3	Methallyl chloride		
1-Amino-2-methylanthraquinone	82-28-0	C.I. disperse grange 11	2-Methyl-1-anthraquinonylamine	
2-Amino-5-(5-nitro-2-furyl)-1,3,4-				<del> </del>
thiadiazole	712-68-5	Furidiazine	Thriafur	
Amitraz	33089-61-1	Imidamide		
Amitrole	61-82-5	3-Amino-1,2.4-triazole		<del>                                     </del>
n-Amyl acetate	628-63-7			<del> </del>
Aniline	62-53-3	Aminobenzene	Benzamine	Phenylamine
o-Anisidine	90-04-0	o-Methoxyaniline	o-Amino-anisole	
o-Anisidine hydrochloride	134-29-2	o-Aminoanisole hydrochloride		
Anthracene	120-12-7			a polynuclear aromatic hydrocarbon
Apollo	74115-24-5	Bisclofentezine	Clofentezine	
Aramite	140-57-8	2-P(butylphenoxy)-1-methylethyl-2-chloroethyl sulfite	Aracide	
Assure	76578-14-8	Quinofop-ethyl		
Asulam	3337-71-1	Methyl ((4-aminophenyl)sulfonyl)carbamate		
Atrazine	1912-24-9	Aalrex	Atranex	Crisazina
Auramine	492-80-8	4,4-Dimethylaminobenzo-phenonimide	<del>                                      </del>	

		<u>Maximum</u>	Contaminant Lev			California Public Health Goal (PHG) in Drinking Water (Office of Environmental	California Sta	Other	
ORGANIC		of Health Services		Environmental Protection		Health Hazard		Health Services)	Taste & Odor
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Azaserine	<u></u>	T			<u> </u>				
Azathioprine									
Azinphos-methyl					i				
Azoberizene									
Baygon							30		
Bayleton									
Baythroid					<del> </del>		<del></del>		
Benefin				<u> </u>					
Benomyl									
Bentazon	18					200			
Benzaldehyde						200			
Benz(a)anthracene			0.1 (100)		zero (100)	<del>                                  </del>		T	
Benzene	1		5		zero	0.14 (100)			170 (126)
Benzidine					25.5	0.12(100)		<del>                                     </del>	
Benzo(b)fluoranthene		1	<del></del>		<u> </u>			<del>                                     </del>	
Benzo(j)fluoranthene			l					<del>                                     </del>	
Benzo(k)fluoranthene		1						<del>                                     </del>	
Benzofuran								<del></del>	
Benzoic adic		†		<u> </u>		<del></del>		<del>                                     </del>	
Benzo(g,h,i)perylene		<del> </del>	<del> </del>	<del>,</del>	<del>                                     </del>			<del>                                     </del>	
Benzo(a)pyrene	0.2	†	0.2		zero	0.004			
Benzotrichloride	0,2	<del> </del>		<del> </del>	2010	0.004		<del></del>	
Benzyl chloride	<del></del>	<del></del>	<del> </del>	· · · · · · · · · · · · · · · · · · ·				<del> </del>	12 (126)
Benzyl violet 4B		<del> </del>			<del> </del>			<del>                                     </del>	12(120)
alpha-BHC	<del></del>	<del> </del>	<del></del>			<del></del>	0.015 #	<del></del>	
beta-BHC	<del> </del>	<del> </del>		<del> </del>			0.025 #	<del></del>	
gamma-BHC (Lindane)	0.2	<del> </del>	0.2	<del></del>	0.2	0.032	0.023 #	<del></del>	
delta-BHC	0.2	<del> </del>	0.2	<del></del>	0.2	0.032		<del>                                     </del>	
technical-BHC		<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>			+	
Bidrin		M.S.	<del> </del>	<del>                                       </del>	<del> </del>	<del></del>		<del> </del>	
Biphenthrin	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>		
1,1-Biphenyl	<del> </del>	· · · · · · · · · · · · · · · · · · ·	<del> </del>	<del> </del>	<del> </del>	<del></del>		<del></del>	0.5 (126)
Bis(2-chloroethoxy) methane	<del> </del>	·	<del> </del>	<del> </del>	<del> </del>			1.	0.5 (129)
Bis(2-chloroethyl) ether			<del></del>	<del> </del>	<del> </del>			+	360 (126)
Bis(2-chloroisopropyl) ether	<del></del>	<del></del>		<del>                                     </del>	<del> </del>	<del></del>			900 (1207
Bis(chloromethyl) ether		<del></del>	<del> </del>					<del> </del>	
Bisphenol A		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>		<del> </del>	· · · · · · · · · · · · · · · · · · ·
Bromacil		<del> </del>	<del> </del>		<del></del>			+	
Bromoacetic acid	60 (100,106)	<del> </del>	60 (106,147)		<del>                                     </del>			+	
Bromobenzene	00 (100,100)	<del> </del>	00 (100,147)	<del> </del>	<del></del>			<del> </del>	<del></del>
Bromochloromethane		<del> </del>	<del> </del>	†	<del> </del>	<del></del>		<del>                                     </del>	34,000 (126)
Bromodichloromethane	100 / 80 (19,100)	<del> </del>	100 / 80 (19,149)	<del> </del>	zero	<del></del>		<del> </del>	54,000 1.20
Bromoform	100 / 80 (19,100)	<del> </del>	100 / 80 (19,149)	<del>                                     </del>	zero			+	510 (126)
Bromomethane	.00,00 (10,100)	<del> </del>	100700(10,140)	<del> </del>	2010			<del> </del>	1
4-Bromophenyl phenyl ether	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	
Bromoxynil	<del></del>	<del>                                     </del>	<del> </del>	<del>                                     </del>	<del> </del>			<del></del>	
Bromoxynil octanoate		<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>	<del> </del>	
Butachlor		<del>                                     </del>	<del> </del>	<del> </del>		+		<del> </del>	·
1,3-Butadiene		<del> </del>	<del></del>	<del>                                     </del>	<del> </del>			+	1.4 (126)
Butane		<del>                                     </del>	-	<del> </del>				<del>                                     </del>	170 (126)
n-Butanol		<del>                                     </del>	<del></del>	<del> </del>	<del> </del>	<del></del>		<del> </del>	7100 (126)
n-Butylbenzene	<del></del>	<del>                                 </del>	<del></del>	<del> </del>	<del> </del>		70	+	7 100 (120)
n-cotypenzene	<u> </u>	<del></del>	L		<del></del>	<del></del>			·····

	USEPA Integrated Risk information		ealth Advisories or dverse-Response	Cane	One-In-a-Milli	Natar .	California Proposition 65		
ORGANIC	System (IRIS) Reference Dose as a Drinking	Leveis	SNARLs) r than cancer risk National Academy	Cal/EPA Cancer Potency Factor as a Drinking	USEPA Integrated Risk Information	USEPA Drinking Water Health Advisory	National Academy of Sciences (NAS) Drinking Water	Regulatory Level as a Drinking Water	Agricultural Water Quality
CONSTITUENT	Water Level (60)	USEPA	of Sciences (NAS)	Water Level (102)	System (IRiS)	or SNARL	and Health	Level (14)	Goals (78)
Azaserine	1			0.0032				0.03 #	
Azathioprine	1			0.019				0.2 #R	
Azinphos-methyl			87.5						
Azobenzene				0.32	0.3 (B2)			3#	,
Baygon	2.8	3				(C)			
Bayleton	210								
Baythroid	180								
Benefin	2100		700						
Benomyl	350						1	R	
Bentazon	210	200			(E)	. (E)			
Benzaldehyde	700					· · · · · · · · · · · · · · · · · · ·			<del></del>
Benz(a)anthracene	<u> </u>			0.029 (93)	(B2)	(B2)		0.02 # (68)	
Benzene		200 (10-day)		0.35	1 to 10 (A)	1 (A)		3.5 #R	
Benzidine	1			0.00007	0.0002 (A)		[	0.0005#	
Benzo(b)fluoranthene	T			0.029 (93)	(B2)	(B2)	[	0.02 # (68)	
Benzo(j)fluoranthene	- <del> </del>			0.029 (93)				0.045 # (68)	<del></del>
Benzo(k)fluoranthene			[	0.029 (93)	(82)	(B2)		#	
Benzofuran								0.5 # (68)	
Benzoic adic	28,000	··· · · · · · · · · · · · · · · · · ·			(D)				
Benzo(g,h,i)perylene			a a		(0)	(0)	<del></del>		
Benzo(a)pyrene	·			0.0029	0.005 (B2)	0.02 (B2)	<del>                                     </del>	0.03#	
Benzotrichloride			<del> </del>		0.003 (B2)	3.01 (02)	<u> </u>	0.0001 / 0.025 # (68)	
Benzyl chloride	<del> </del>			0.21	0.2 (B2)			2#	
Benzyl violet 4B	· · · · · · · · · · · · · · · · · · ·		<del>                                     </del>	1.8	0.2 (82)	<del></del>	<del>                                     </del>	15#	<del></del>
alpha-BHC	<del></del>	···	500 (7-day,43)	0.013	0.006 (B2)		0.33	0.15#	
beta-BHC	<u> </u>		500 (7-day,43)	0.023	0.00 (B2)		0.12	0.25 #	
gamma-BHC (Lindane)	0.2	0.2	500 (7-day,43)	0.032	0.02 (6)	(C)	0.054	0.3#	
delta-BHC	, U.Z		500 (7-day,43)	0.032	(D)		0.034	# #	<del></del>
technical-BHC	<del> </del>	<del>~~</del>	500 (7-day)	0.0088	0.02 (B2)		ļ	0.1#	
Bidrin	0.7	146	300 (1-day)	0.0086	0.02 (B2)		<del>                                     </del>	0.1#	<del></del>
	100						<del> </del>		
Biphenthrin	350	<del></del>				<del></del>	<del></del>		
1,1-Biphenyl	350		<del> </del>		(0)		}		
Bis(2-chloroethoxy) methane	<del></del>			0.014	(D)		<del> </del>		
Bis(2-chloroethyl) ether			<del></del>	0.014	0.03 (B2)	/6:	0.42	0.15#	
Bis(2-chloroisopropyl) ether	280	300	<del> </del>	0.00076	0.00045 (4)	(D)	<del> </del>		
Bis(chloromethyl) ether			<del> </del>	0.00076	0.00016 (A)	<del></del>	<del> </del>	0.01#	
Bisphenol A	350	90	07.5	<del></del>		(0)	<del></del>		
Bromacil	- <del>  </del>	90	87.5			(C)	<del>  </del>	R (150)	
Bromoacetic acid		4000 (40 4: 50)	<del> </del>	<del></del>		/D ===			
Bromobenzene	-	4000 (10-day,68)	<u> </u>		(6)	(D,68)			
Bromochioromethane	1	90	<del> </del>	0.27	(D)	(D)	<del>                                     </del>		
Bromodichloromethane	140	6000 (10-day.68)	<u> </u>	U.21	0.6 (B2)	0.6 (B2,68)	<del> </del>	2.5 #	<del></del>
Bromoform	140	2 (10-day,68)			4 (B2)	4 (B2,68)		45 # (68)	
Bromomethane	9.8	10 (68)	<del> </del>		(0)	(83,D)	<u> </u>	500 R (5,68)	
4-Bromophenyl phenyl ether	<del></del>				(D)				
Bromoxynil	140		<u> </u>			<del></del>	ļ	R	
Bromoxynit octanoate	140		<u> </u>				ļ	R	
Butachlor	ļ		70			<del></del>	ļ		
1,3-Butadiene			<u> </u>	0.010	(B2)			0.2 #	
Bulane	1								
n-Butanol	700				(D)				
n-Butylbenzene	.1		<u></u>	<u> </u>					

			USEP	A Nationa	I Recom	mended.	Ambient	Water Qua	ility Crit	erla		
		Human Healt	h and Welfar	Protection .				hwater A			tion	
		Health Effects	One-in-a-Million C	ancer Risk Estimate		R e	commend	ed Criter	i a			
	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum		Toxi	city inform	ation
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous	(Lowest C	bserved Ef	fect Le <u>v</u> el)
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
Azaserine												1
Azathioprine	<del></del>							<del> </del>				
Azinphos-methyl	<del></del>		<del></del>				<del></del>	<del> </del>	0.01 (51)			<del>                                     </del>
Azobenzene	<del></del>	<del></del>	<del></del>			<del></del>	l	<del> </del>	0.01 (31)			+
Baygon	<del></del>	<del> </del>						<del> </del>				<del> </del>
Bayleton						<del> </del>		<del> </del>		<del></del>		-
Baythroid	<del></del>	<b></b>	<del></del>			<del> </del>	<del></del>	<del></del>				<del> </del>
Benefin	<del></del>		<del></del>			<del></del>		<del></del>				
Benomyl	· <del>                                    </del>	····	<del> </del>					8.8 (152)				<del> </del>
Bentazon	<del></del>			<del> </del>				8.8 (132)				<del></del>
Benzaldehyde	<del></del>	<del> </del>		<del> </del>				<del> </del>				<u> </u>
Benz(a)anthracene			0.0044 (41)	0.049 (41)		<del></del>		<del> </del>				1
Benzene	<del></del>	<del> </del>	1.2	71		·	<del> </del>	<del> </del>		5300		
Benzidine	<del></del>	<del> </del>	0.00012	0.00054	<del></del>	<del></del>		<del> </del>	<del></del>	2500		
Benzo(b)fluoranthene	<del></del>		0.0044 (41)	0.049 (41)	<del></del>			<del> </del>		2500		
Benzo(j)fluoranthene	<del></del>	<del> </del>	0.0044 (41)	0.043 (41)		<del>                                     </del>	<del> </del>	<del></del>				<del></del>
Benzo(k)fluoranthene		ļ	0.0044 (41)	0.049 (41)		<del> </del>		<del> </del>			<u></u>	<del> </del>
Benzofuran	<del></del>		0.0044 (41)	0.049 (41)		<del> </del>		<del> </del>				+
Benzoic adic	<del></del>	<del></del>		<del></del>		<del> </del>		<del></del>			<del></del>	
Benzo(g,h,i)perylene						<del> </del>						<del> </del>
Benzo(a)pyrene	<del></del>		0.0044 (41)	0.049 (41)		<del> </del>		<del> </del>	<del></del>			
Benzotrichloride			0.0044 (41)	0.049 (41)		<del> </del>	ļ	<del></del>				<del> </del>
Benzyl chloride		<del> </del>	<del> </del>	<del> </del>		<del></del>		<del> </del>				<del>                                     </del>
Benzyl violet 4B		<del> </del>	<del></del>			<del> </del>	<del> </del>	<del> </del>				<del></del>
alpha-BHC	<del></del>		0.0039	0.013		<del> </del>	<del></del>				<del></del>	<del></del>
beta-βHC		<del> </del>	0.0039	0.013		<del> </del>	<del></del>	<del></del>	ļ			<del></del>
gamma-BHC (Lindane)	<del></del>		0.019	0.063		0.08 (114)	<del> </del>	0.95				<del> </del>
delta-BHC	<del></del>	<del> </del>	0.019	0.003		0.08 (114)		0.95	<del> </del>			<del> </del>
technical-BHC			0,0123	0.0414		<del> </del>			<del></del>	100		<del></del>
Bidrin	<del></del>	7.4.5	0,0123	0.0414			<b></b>	<del> </del>	<del></del>	100		+
Biphenthrin	<del></del>	****	<del> </del>	<del> </del>		<del> </del>	<del></del>	<del> </del>	<u> </u>		<del></del>	<del></del>
1,1-Biphenyl	<del></del>	<del></del>	<del> </del>	<del> </del>		<del> </del>		<del></del>				<del> </del>
Bis(2-chloroethoxy) methane			<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>		.,	<del></del>	+
Bis(2-chloroethyl) ether	<del></del>	<del> </del>	0.031	1.4		<del></del>	<del></del>	<del> </del>	<del></del>	238,000 (46)	122 (58)	<del></del>
Bis(2-chloroisopropyl) ether	1400	170,000	0.031	1.7				<del> </del>	<del>                                     </del>	238,000 (46)	122 (58)	<del></del>
Bis(chloromethyl) ether	1700	1,0,000	0.00013	0.00078		<del>                                     </del>	<del> </del>	<del> </del>	<del></del>	238,000 (46)	122 (58)	+
Bisphenol A	<del></del>	<del> </del>	0.00010	0.00070		<del> </del>	<del> </del>	<del> </del>	<del> </del>	200,000 (40)	122 (50)	+
Bromacil	<del></del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del></del>			<del> </del>
Bromoacetic acid	<del></del>	· · · · · · · · · · · · · · · · · · ·	<del> </del>	<del> </del>	<del></del>	<del>                                     </del>	<del> </del>	<del> </del>			<del></del>	+
Bromobenzene			t	<del> </del>		<del> </del>		<del> </del>	<del></del>	<del>                                     </del>	<del></del>	+
Bromochloromethane	<del></del>	<del> </del>	<del> </del>	<del> </del>		<del>                                     </del>		+	<del></del>	11,000 (20)	<del></del>	+
Bromodichloromethane	+	<del> </del>	0.56	46	<del></del>	<del>                                     </del>	-	<del>                                     </del>		11,000 (20)	<del></del>	<del> </del>
Bromoform	<del></del>	<del> </del>	4.3	360		<del>                                     </del>	<del> </del>	-	<del> </del>	11,000 (20)	<del></del>	+
Bromomethane	48	4000	4.3	360		<del> </del>	<del> </del>	+		11,000 (20)		<del> </del>
4-Bromophenyl phenyl ether	40	4000	<del> </del>	<del></del>		<del> </del>		<del>                                     </del>	<del></del>	360 (58)	122 (58)	<del> </del>
Bromoxynil	<del></del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del>                                     </del>	<del></del>	300 (30)	122 (30)	+
Bromoxynil octanoate	<del></del>		<del> </del>		<del></del>	<del> </del>	<del> </del>	-	<del> </del>		<del></del>	+
Bromoxynii octanoate Butachlor	<del></del>	<del> </del>	<del></del>			<del> </del>	<del> </del>	<del> </del>	<del></del>		<del></del>	<del> </del>
	<del></del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>		<del> </del>		<del></del>	<del> </del>	+
1,3-Butadiene		<del> </del>	<del>}</del>	<del>}</del>	<del></del>	<del>}</del>	<del> </del>	<del>}</del> -	<del></del>	<del></del>	<del></del>	<del> </del>
Bulane		<del> </del>	<del></del>	<del> </del>			<del> </del>	<del> </del>			<del></del>	+
n-Butanol	<del></del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	ļ	ļ				<del> </del>
n-Butylbenzene		1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	l			1

		<del></del>	C a	lifornia Tox	ics Rule Cr	iteria (USEP	A 1		
		Inlan	d Surface W					s & Estuari	e s
	Human Health (	30-day Average)	Freshwat	er Aquatic Life F	rotection	Human Health	Saltwate	r Aquatic Life P	rotection
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum	
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum
Azaserine			<del></del>					T	
Azathioprine									
Azinphos-methyl									
Azobenzene									
Baygon									
Bayleton									
Baythroid									
Benefin									
Benomyl									
Bentazon							· · · · · · · · · · · · · · · · · · ·		
Benzaldehyde								<u></u>	
Benz(a)anthracene	0.0044 (113)	0.049 (113)				0.049 (113)		ļ	
Benzene	1.2 (113)	71 (113)				71 (113)			
Benzidine	0.00012 (113,143)	0.00054 (113,143)				0.00054 (113,143)			
Benzo(b)fluoranthene	0.0044 (113)	0.049 (113)				0.049 (113)		ļ	
Benzo(j)fluoranthene									
Benzo(k)fluoranthene	0.0044 (113)	0.049 (113)				0.049 (113)			
Benzofuran			<del></del>			<u> </u>	····		
Benzoic adic						<u> </u>			
Benzo(g,h,i)perylene									
Benzo(a)pyrene	0.0044	0.049				0.049		<u> </u>	
Benzotrichloride									
Benzyl chloride				<u> </u>		<u> </u>		<u> </u>	
Benzyl violet 4B			<del></del>				<del></del>	<del></del>	
alpha-BHC	0.0039 (113)	0.013 (113)			<u> </u>	0.013 (113)		<del></del>	
beta-BHC	0.014 (113)	0.046 (113)				0.046 (113)	<del></del>	ļ	
gamma-BHC (Lindane)	0.019 (113)	0.063 (113)	<del></del>	0.95		0.063 (113)	<del></del>		0.16
delta-BHC						<del> </del>			
technical-BHC						<del> </del>	<del></del>	<del></del>	
Bidrin		<del></del>	<del></del>			<del>   </del>		<del> </del>	
Biphenthrin	<del></del>			<del></del>		<del> </del>	<del></del>		
1.1-Biphenyl	<del></del>		<del></del>			<del> </del>	<del></del>	<del></del>	
Bis(2-chloroethoxy) methane	0.031 (113,143)	4 4 (449 449)		<del></del>		1 4 4 4 2 4 4 2 3		<u> </u>	
Bis(2-chloroethyl) ether	1400	1.4 (113,143)		<u> </u>		1.4 (113,143) 170,000 (143)	<del></del>	<del> </del>	
Bis(2-chloroisopropyl) ether	1400	170,000 (143)	<del></del>		<del></del>	170,000 (143)	<del></del>	<del> </del>	
Bis(chloromethyl) ether	<del></del>				<del></del>				
Bisphenol A	<del></del>	<del></del>		<del> </del>		<del> </del>	<del></del>	<del> </del>	<del></del>
Bromacil	<del> </del>	<u> </u>				<del> </del>			
Bromoacetic acid	<del></del>		<del></del>				<del></del>	<del>                                     </del>	<del></del>
Bromobenzene	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>		<del> </del>	
Bromochloromethane	0.56 (113)	46 (113)		<del> </del>	<del></del>	46 (113)		<del> </del>	
Bromodichloromethane Bromoform	4.3 (113)	360 (113)	<del></del>	<del></del>		360 (113)	<del></del>	<del> </del>	
Bromomethane	4.5(113)	4000			<del></del>	4000		<del> </del>	
4-Bromophenyl phenyl ether	<del></del>	4000	<del> </del>			<del> </del>			
Bromoxynil	<del></del>					<del> </del>	· · · · · · · · · · · · · · · · · · ·	<del> </del>	
Bromoxynil octanoate						<del>                                 </del>	<del></del>		
Butachlor	<del> </del>		<del></del> -		<del></del>	<del> </del>	<del></del>	<del> </del>	<del></del>
1,3-Butadiene	<del></del>	<del></del>				<del>                                     </del>			
Butane	<del></del>	<del></del>							
n-Butanol	<del> </del>	<del> </del>		<del>                                     </del>		<del>   </del>		<del> </del> -	
n-Butylbenzene	<del></del>		··········	<del></del>		<del> </del>			

	California Ocean Plan Numerical Water Quality Objectives						US	SEPA Nation	al Recomme Saltwater A				eria
	Human Health (30-day Average)			uatic Life			R e Continuous	commend	ed Crite Maximum			icity Inform	
ORGANIC	aquatic organism	6-month	30-day	7-day	Daily	Instantaneous	Concentration	ļ	Concentration	instantaneous			fect Level)
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum		24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
	7			7,0,090	1	WIR ZHINGH	74-001 ×10:030)	TIT HOU! AVEIRGE	T(14,00; Attinge)				
Azaserine				ļ			ļ						
Azathioprine	+				<del> </del>		ļ						<del> </del>
Azinphos-methyl Azobenzene				<del></del>			ļ			0.01 (51)			<del> </del>
	<del></del>		<del></del>		<del> </del> -	<del> </del>	<del>}</del>	<del> </del>	<b> </b>			<del>}</del>	<del> </del>
Baygon Bayleton	~ <del> </del>			<del></del>	<b></b>		ļ	<del> </del>				<del> </del>	<del> </del>
	<del></del>			ļ	<del> </del>		ļ	<del></del>	ļ			<del> </del>	·
Baythroid Benefin	<del></del>			<del></del>		<del>}</del> -	<del></del>	<del> </del>	<u> </u>			<del>                                     </del>	<del> </del>
Benomyl	<del></del>			<del></del>	<del> </del>	<del> </del>	<del> </del>	ļ					<del> </del>
Bentazon	~ <del>   </del>			<del> </del>	<del> </del>	<del> </del>	<del> </del>					<del> </del>	<del> </del>
Benzaldehyde	· <del>                                    </del>				<del> </del> -	·	<del> </del>	<del> </del>	<del> </del>			<del>                                     </del>	<del> </del>
Benz(a)anthracene	0.0088 # (33)				<del> </del>	<del> </del>	ļ <del></del>	<del> </del>			300 (52)	<del>                                     </del>	<del> </del>
Benzene	5.9 #		····		<del></del>	<del> </del>	<del></del>	<del> </del>			5100	<del> </del>	700 (83)
Benzidine	0.000069#		<del></del>	<del> </del>	<del>                                     </del>		<del> </del>	<del> </del>			3,00	<del></del>	100 (00)
Benzo(b)fluoranthene	0.0088 # (33)			<del> </del>	<del> </del>	<del> </del>	+	<del> </del>	<del> </del>		300 (52)		
Benzo(j)fluoranthene	0.0000 # (337		<del></del>		<del> </del>	<del>                                     </del>	+	<del> </del>	<del> </del>		300 (52)		
Benzo(k)fluoranthene	0.0088 # (33)			<del> </del>	<del> </del>			<del> </del>			300 (52)		
Benzofuran	0.0000 # (55)			<del> </del>			300 (32)	<del> </del>	<del></del>				
Benzoic adic				<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>		<u> </u>		
Benzo(g,h,i)perylene	0.0088 # (33)	···			-	<del> </del>	<del> </del>	<del> </del>	<del> </del>		300 (52)		
Benzo(a)pyrene	0.0088 # (33)			<del> </del>	<del> </del>		<del>}</del>	<del> </del>	<del> </del>		300 (52)		<del> </del>
Benzotrichloride	0.0000 # (00)			<del> </del>	<del> </del> -		<del> </del>	<del> </del>			300 (32)	<del> </del>	
Benzyl chloride	<del></del>			<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	
Benzyl violet 4B			<del></del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<u> </u>	<del>                                     </del>	+
alpha-BHC	<del></del>	0.004 (43)			0.008 (43)	0.012 (43)	<del> </del>	<del> </del>	<del> </del>				<del>                                     </del>
beta-BHC		0.004 (43)		1	0.008 (43)	0.012 (43)	<del> </del>	<del> </del>	<del></del>			<del>                                     </del>	
gamma-BHC (Lindane)		0.004 (43)		<del> </del>	0.008 (43)	0.012 (43)	+	<del> </del>	<del> </del>	0.16		<del> </del>	<del> </del>
delta-BHC		0.004 (43)		<del> </del>	0.008 (43)	0.012 (43)	<del> </del>	+	<del> </del>	0.10	<del> </del>	<del> </del>	<del>                                     </del>
technical-BHC	<del>-  -</del>	0.004 (43)		†	0.008 (43)	0.012 (43)	<del> </del>	<del> </del>			0.34	<del>                                     </del>	
Bidrin	~ <del>                                    </del>	0.00 . 1.07		<del>                                     </del>	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	0.0.2(40)	+	<del> </del>	<del>                                     </del>		9.07	<del>                                     </del>	<del></del>
Biphenthrin						<del></del>	<del>                                     </del>	<del> </del>	<del> </del>			<del> </del>	<del>                                     </del>
1,1-Biphenyl	<del></del>			<del></del>		<del>                                     </del>	<del> </del>	<del> </del>				<del> </del>	
Bis(2-chloroethoxy) methane	4.4			†		<del> </del>	<del> </del>	<del> </del>				<del> </del>	<del></del>
Bis(2-chloroethyl) ether	0.045#			<del>                                     </del>	<del></del>		<del> </del>	<del>}</del>				<del>                                     </del>	1
Bis(2-chloroisopropyl) ether	1200			<del> </del>		<del>                                     </del>	<del> </del>					<del> </del> -	
Bis(chloromethyl) ether	- <del> </del>			<del> </del>			+					<del>                                     </del>	<del></del>
Bisphenol A	<del></del>			<del> </del>	<del>                                     </del>	<u> </u>	<del>                                     </del>	<del>                                     </del>				<del> </del>	
Bromacil	<del></del>			t	<del>                                     </del>	+	<del> </del>	<del>                                     </del>	<del> </del>			<del>                                     </del>	<del> </del>
Bromoacetic acid	<del></del>					<del>                                     </del>	<del> </del>	<del> </del>	-			<del></del>	<del></del>
Bromobenzene	~			1		<del> </del>	+	1	<del> </del>		-	1	1
Bromochloromethane		·		<del> </del>		+	+	<del> </del>			12,000 (20.1)	6400 (20)	11,500 (20.82)
Bromodichloromethane	130 # (13)			<del> </del>	T	<del> </del>	<del></del>	<del> </del>	<del> </del>		12,000 (20)	6400 (20)	11,500 (20,82)
Bromoform	130 # (13)				<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	1	ļ		12,000 (20)	6400 (20)	11,500 (20.82)
Bromomethane	130 # (13)			<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>		12,000 (20)	6400 (20)	11,500 (20.82)
4-Bromophenyl phenyl ether	1 .00 1.07			<del></del>	T	+	<del> </del>	<del> </del>	<del> </del>		12,000 (20)	1 2.55 (20)	1,222,00,007
Bromoxynil	<del>                                     </del>		·	<del></del>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	1
Bromoxynil octanoate	<del>                                     </del>			<del> </del>	<del> </del>	+	<del> </del>	<del> </del>	<del> </del>		<u> </u>		1
Butachlor	<del></del>			<del> </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>			<u> </u>	+
1,3-Butadiene	<del></del>			<del> </del>		<del></del>	<del> </del>	<del> </del>					
Butane	<del></del>		T	<del> </del>	†	<del> </del>	<del> </del>	<del> </del>	<del> </del>			1	1
n-Butanol	1			<del> </del>			<del>                                     </del>	·					
n-Butylbenzene				<del></del>	<del> </del>	<del> </del>	<del> </del>	† <del></del>	<del>                                     </del>				<del>                                     </del>

		<del></del>		
1	Chemical	1	•	
	Abstracts			
	Service			
ORGANIC	Registry			
CONSTITUENT	Number		typopyme and Abbreviation	
CONSTITUENT			Synonyms and Abbreviation	) n s
Azaserine	115-02-6			
Azathioprine	446-86-6	Diphenyldimide	Diphenyldiazene	Diazobenzene
Azinphos-methyl	86-50-0	Guthion		
Azobenzene	103-33-3	Diphenyldiimide		
Baygon	114-26-1	Propoxur		
Bayleton	43121-43-3			
Baythroid	68359-37-5	Cyfluthrin		
Benefin	1861-40-1	Balan	Benfluralin	<u> </u>
Benomyl	17804-35-2	Benlate	Arilate	<u> </u>
Bentazon	25057-89-0	Basagran		·
Benzaldehyde	100-52-7	<u> </u>		
Benz(a)anthracene	56-55-3	1,2-Benzanthracene	Benzo(a)anthracene	a polynuclear aromatic hydrocarbon
Benzene	71-43-2		<u> </u>	<u> </u>
Benzidine	92-87-5	p-Diaminodiphenyl		
Benzo(b)fluoranthene	205-99-2	3,4-Benzofluoranthene		a polynuclear aromatic hydrocarbon
Benzo(j)fluoranthene	205-82-3	10.11-Benzofluoranthene		a polynuclear aromatic hydrocarbon
Benzo(k)fluoranthene	207-08-9	8,9-Benzofluoranthene		a polynuclear aromatic hydrocarbon
Benzofuran	271-89-6	<u> </u>		
Benzoic adic	65-85-0	Carboxybenzene		
Benzo(g,h,i)perylene	191-24-2	1,12-Benzoperylene_	<u></u>	a polynuclear aromatic hydrocarbon
Benzo(a)pyrene	50-32-8	BaP	3.4-Benzopyrene	a polynuclear aromatic hydrocarbon
Benzotrichloride	98-07-7	(Trichloromethyl)benzene	alpha,alpha,alpha-Trichlorotoluene	
Benzyl chloride	100-44-7	alpha-Chlorotoluene	Chlorophenylmethane	Tolyl chloride
Benzyl violet 4B	1694-09-3			
alpha-BHC	319-84-6	alpha-Benzene hexachloride	alpha-Hexachlorocyclohexane	alpha-HCH
beta-BHC	319-85-7	beta-Benzene hexachloride	beta-Hexachlorocyclohexane	beta-HCH
gamma-BHC (Lindane)	58-89-9	Lindane	gamma-Benzene hexachloride	gamma-Hexachlorocyclohexane
delta-BHC	319-86-8	delta-Benzene hexachloride	delta-Hexachlorocyclohexane	della-HCH
technical-BHC	608-73-1	technical-Benzene hexachloride	technical-Hexachlorocyclohexane	
Bidrin	141-66-2	Dicrotophos		
Biphenthrin	82657-04-3	Brigade	Taistar	
1,1-Biphenyl	92-52-4	Diphenyl	Phenylbenzene	
Bis(2-chloroethoxy) methane	111-91-1	Dichloroethyl formal	Dichlorodiethyl formal	
Bis(2-chloroethyl) ether	111-44-4	BCEE	2,2'-Dichlorodiethyl ether	symmetrical-Dichloroethyl ether
Bis(2-chloroisopropyl) ether	39638-32-9	Bis(2-chloro-1-methylethyl) ether	2,2'-Oxybis(1-chloropropane)	BCIE
Bis(chloromethyl) ether	542-88-1	BCME	Dichlorodimethyl ether	Chloromethyl ether
Bisphenol A	80-05-7	Bis(4-hydroxyphenyl)propane		
Bromacil	314-40-9	Hyvar X or XL	Urox	
Bromoacetic acid	79-08-3	A haloacetic acid		<u> </u>
Bromobenzene	108-86-1			<u> </u>
Bromochloromethane	74-97-5	Chlorobromomethane		<u> </u>
Bromodichloromethane	75-27-4	Dichlorobromomethane	BDCM	a trihalomethane (THM)
Bromoform	75-25-2	Tribromomethane		a trihalomethane (THM)
Bromomethane	74-83-9	Methyl bromide		
4-Bromophenyl phenyl ether	101-55-3	p-Bromodiphenyl ether		<u> </u>
Bromoxynil	1689-84-5	2,6-Dibromo-4-cyanophenol	3,5-Dibromo-4-hydroxybenzonitrile	
Bromoxynil octanoate	1689-99-2			ļ
Butachlor	23184-66-9	Butanex	Lambast	
1,3-Butadiene	106-99-0	Vinylethylene	Bivinyf	Divinyt
Butane	106-97-8			
n-Butanol	71-36-3 104-51-8	n-Butyl alcohol 1-Phenylbutane		

		Maximum (	Contaminant Lev		•	California Public Health Goal (PHG) in Drinking Water (Office of Environmental	Callfornia Si	Other	
ORGANIC		of Health Services		nvironmental Protection A		Health Hazard		of Health Services)	Yaste & Odor
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
n-Butyl acetale	· · · · · · · · · · · · · · · · · · ·	1				T - T			170 (126)
n-Butyl acrylate			<del></del>						7.8 (126)
sec-Butyl alcohol									19,000 (126)
tert-Butyl alcohol							12#		290,000 (126)
n-Butylamine					<del></del>				6200 (126)
Butylate									
Butylated hydroxyanisole									
n-Butyl benzyl phthalate				1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
n-Butyl lactate		T	1						520,000 (126)
n-Butyl mercaptan				1 7 7	·				0.012 (126)
Butylphthalyl butylglycolate									
p-tert-Butyltoluene									32 (126)
beta-Butyrolactone					······································				
Camphor					<del></del>				1000 (126)
Caprolactam									
Captafol									
Captan							1.5#		
Carbaryl							700		
Carbofuran	18		40		40	1.7 (100)			
Carbon tetrachloride	0.5		5 4		zero	0.1 (100)			520 (125, 126)
Carbosulfan		T		1					
Carboxin									
Catechol		1							
Chloral									
Chloral hydrate					40				
Chloramben									
Chlorambucil									
Chlordane	0.1		2		žero	0.03			
Chlordimeform			T						
Chlorendic acid		- 3 e C						-	
Chlorimuron-ethyl									
Chlorinated paraffins									1
Chlorinated benzenes									
Chlorinated naphthalenes		<del> </del>		<del> </del>					
Chlorinated phenols					·····				
Chloroacetic acid	60 (100,106)	T	60 (106,147)						T
Chloroalkyl ethers	· · · · · · · · · · · · · · · · · · ·		1						1
p-Chloroaniline	<del></del>								1
Chlorobenzene	70	<u> </u>	100		100				50 (126)
4-Chloro-m-cresol		<del> </del>		1	<del></del>				1
4-Chloro-o-cresol	· · · · · · · · · · · · · · · · · · ·								1
6-Chloro-m-cresol		1		T					1
Chloroethane	<del></del>	1							16 (126)
Chloroform	100 / 80 (19,100)	<del> </del>	100 / 80 (19,149)	<del> </del>					2400 (126)
Chloromethane			132.23(10,130)		<del> </del>				1
Chloromethyl methyl ether	· · · · · · · · · · · · · · · · · · ·	<del> </del>	<u> </u>	T				<del></del>	
3-Chloro-2-methylpropene									
2-Chloronaphthalene		<del> </del>							
2-Chlorophenol					<del></del>			<del>                                     </del>	1
3-Chlorophenol				T		+			
4-Chlorophenol		<del> </del>		<del> </del>					
4-Chloro-o-phenylenediamine		1	<del></del>			<del></del>		<del> </del>	<del>                                     </del>

	USEPA Integrated Drinking Water Health Advisories or Risk Information Suggested No-Adverse-Response			Can	One-in-a-Milli er Risk Estimat	on Incremental	Nater	California Proposition 65	
ORGANIC	System (IRIS) Reference Dose as a Drinking	Levels ( for toxicity other	SNARLs) r than cancer risk National Academy	Cal/EPA Cancer Potency Factor as a Drinking	USEPA Integrated Risk Information	USEPA Drinking Water Health Advisory	National Academy of Sciences (NAS) Drinking Water	Regulatory Level as a Orinking Water	Agricultural Water Quality
CONSTITUENT	Water Level (60)	USEPA	of Sciences (NAS)	Water Level (102)	System (IRIS)	or SNARL	and Health	Level (14)	Goals (78)
n-Butyl acetate			L			L			
n-Butyl acrylate	1					<u> </u>			
sec-Butyl alcohol									
tert-Butyl alcohol							-		
n-Butylamine	ļ				•		<del>                                     </del>		
Butylate	350	400		180		(D)	<del> </del>	2000 #	
Butylated hydroxyanisole	140			180	(C)	(0)	<del></del>	2000#	
n-Butyl benzyl phthalate n-Butyl lactate	140				(C)	(C)	<del>                                     </del>		
n-Butyl mercaptan	<del> </del>								
Butylphthalyl butylglycolate	7000					<del></del>	<del> </del>		<del></del>
p-tert-Butyltoluene	1			·· ·· ·· ·· ·· · · · · · · · · · · · ·					
beta-Butyrolactone				0.035				0.35 #	<del></del>
Camphor									
Caprolactam	3500								
Captafol	1.4			0.23		(C)		2.5 #	
Captan	910		350	15				150#	
Carbaryl	700	700	574			(D)			
Carboluran	35	40				(E)			
Carbon tetrachloride	4.9	200 (10-day)	200 (7-day) *	0.23	0.3 (B2)	0.3 (B2)	4.5	2.5 #	
Carbosullan	70						<u> </u>		
Carboxin	700	700				(D)			
Catechol			2200 (24-hr)						
Chioral	14								
Chloral hydrate		60				(C)	ļ		
Chioramben	110	100	1750			(D)			L
Chlorambucil				15				0.001 #R	
Chlordane	0.42	60 (10-day)		0.027	0.03 (B2)	0.01 (B2)	0.028	0.25#	ļ
Chlordimeform	<del></del>							0.25 # (68)	
Chlorendic acid	140	255	<del></del>	0.38	<del></del>		<del>                                     </del>	4#	
Chlorimuron-ethyl	140	<del> </del>		0.39 (63)			<del>                                     </del>	4 (62)	
Chlorinated paraffins	-	<del></del>		0.39 (03)		<u> </u>	t	4 (63)	
Chlorinated benzenes Chlorinated naphthalenes	+							·	
Chlorinated phenols	<del></del>								
Chloroacetic acid	<del> </del>		<del>                                     </del>				<del>                                     </del>		
Chloroalkyl ethers	<del> </del>					<del></del>	<del> </del>		
p-Chloroaniline	28						†	#	
Chlorobenzene	140	100			(D)	(D)	2.3 (21)		
4-Chloro-m-cresol		· · · · · · · · · · · · · · · · · · ·			\		1		
4-Chloro-o-cresol	<del> </del>	<del></del>					1		
6-Chloro-m-cresol	1							<del></del>	
Chloroethane						(B)	<u> </u>	100 # (68)	
Chloroform		4000 (10-day,68)		1,1	6 (B2)	6 (B2.68)	0.26 / 5.6 (44)	10#	
Chloromethane		3			(D.68)	_(C)			
Chloromethyl methyl ether				0.015 (65)	(A)			0.15 # (65)	
3-Chioro-2-methylpropene				0.25				2.5#	
2-Chloronaphthaiene	560								
2-Chlorophenol	35	40 (68)				(D,68)			
3-Chlorophenol									
4-Chlorophenol									
4-Chloro-o-phenylenediamine				2,2				20 #	

	USEPA National Recommended Ambient Water Quality Criteria  Human Health and Welfare Protection Freshwater Aquatic Life Protection												
						Freshwater Aquatic Life Protection							
		Health Effects		ancer Risk Estimate		Re	commend	ed Criter	l a				
	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum	}		city informa		
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous	(Lowest O	bserved Eff	ect Level)	
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other	
n-Butyl acetate		l						1					
n-Butyl acrylate	<del> </del>					·							
sec-Butyl alcohol	<del></del>	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		<del> </del>	<del></del>	1					
tert-Butyl alcohol	<del></del>												
n-Butylamine	· · · · · · · · · · · · · · · · · · ·						<del></del>						
Butylate	<del></del>				***************************************								
Butylated hydroxyanisole				†		<del> </del>		·					
n-Butyl benzyl phthalate	3000	5200		<u> </u>						940 (45)	3 (45)		
n-Butyl lactate	<del></del>												
n-Butyl mercaptan	<u> </u>			1									
Butylphthalyl butylglycolate	16,800 (68)	32,400 (68)				<del> </del>				940 (45)	3 (45)		
p-tert-Butyltoluene				1									
beta-Butyrolactone				†i			<del></del>	1					
Camphor				1									
Caprolactam						<u> </u>	1	ļ					
Captafol						1	T						
Captan							1	<del> </del>					
Carbaryl						2.53 (151)		2.53 (151)	0.02 (54)				
Carbofuran	T			†					0.5 (152)				
Carbon tetrachloride			0.25	4.4 2						35,200			
Carbosulfan						<del>                                     </del>		<del></del>					
Carboxin						1							
Catechol								<del></del>					
Chloral						T							
Chloral hydrate													
Chloramben								1					
Chlorambucil													
Chlordane			0.0021	0.0022		0.0043 (114)			2,4				
Chlordimeform													
Chlorendic acid													
Chlorimuron-ethyl													
Chlorinated paraffins													
Chlorinated benzenes										·· 250		50 (23)	
Chlorinated naphthalenes										1600			
Chlorinated phenols													
Chloroacetic acid													
Chloroalkyl ethers										238,000	122 (58)	<u> </u>	
p-Chloroaniline													
Chlorobenzene	680	21,000			20					250 (22)		50 (22.23)	
4-Chloro-m-cresol					3000					30			
4-Chloro-o-cresol					1800								
6-Chloro-m-cresol					20							L	
Chloroethane												L	
Chloroform			5.7	470						28,900	1240	1	
Chloromethane										11.000 (20)			
Chloromethyl methyl ether										238,000 (46)	122 (58)	L	
3-Chloro-2-methylpropene													
2-Chloronaphthalene	1700	4300								1600 (48)			
2-Chlorophenol	120	400			0.1					4380		2000 (34)	
3-Chlorophenol					0.1								
4-Chlorophenol					0.1								
4-Chloro-o-phenylenediamine													

		California Toxics Rule Criteria (USEPA) Inland Surface Waters Enclosed Bays & Estuaries												
	Human Health (			r Aquatic Life F	rotection	Human Health		Aquatic Life P	rotection					
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum						
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous					
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum					
n-Butyl acetate						I								
n-Butyl acrylate														
sec-Butyl alcohol														
tert-Butyl alcohol	11													
n-Butylamine	<u> </u>			·										
Butylate	ļ								· · · · · · · · · · · · · · · · · · ·					
Butylated hydroxyanisole														
n-Butyl benzyl phthalate	3000	5200			<del> </del>	5200								
n-Butyl lactate	<u> </u>													
n-Butyl mercaptan														
Butylphthalyl butylglycolate	<del>                                     </del>					<del> </del>								
p-tert-Butyltoluene	<del></del>				<del></del>	<del> </del>			·					
beta-Butyrolactone	<del>  </del>													
Camphor	<del>                                     </del>													
Caprolactam	<del> </del>													
Captafol	<del></del>					<del> </del>	<del></del> -							
Captan	<del> </del>					<del> </del>								
Carbary!	<del> </del>					<del>                                     </del>								
Carbofuran	0.25 (113,143)	4.4.440.443)				1./2.2								
Carbon tetrachloride	0.25 (113,143)	4.4 (113,143)		•		4.4 (113,143)								
Carbosulfan	<del> </del>		· · · · · · · · · · · · · · · · · · ·		<del></del>	<del>   </del>								
Carboxin Catechol	<del> </del>					<del> </del>								
Chloral					<del></del>	<del>                                     </del>			·····					
Chloral hydrate														
Chloramben	<del>  </del>													
Chlorambucil	<del>                                     </del>													
Chlordane	0.00057 (113)	0.00059 (113)	0.0043 (114)		2.4	0.00059 (113)	0.004 (114)		0.09					
Chlordimeform	0.00037 (110)	0.00005 (110)	0.0040 (114)		2.4	0.00039 (113)	0.004 (114)		0.03					
Chlorendic acid	<del> </del>					<del> </del>			······································					
Chlorimuron-ethyl	† <del></del>					<del>   </del>			*****					
Chlorinated paraffins	† · · · · · · · · · · · · · · · · ·													
Chlorinated benzenes	1													
Chlorinated naphthalenes						1								
Chlorinated phenols														
Chloroacetic acid	<u> </u>					† <del></del>								
Chloroalkyl ethers					· · · · · · · · · · · · · · · · · · ·	1								
p-Chloroaniline					······································	1								
Chlorobenzene	680 (143)	21,000 (143)				21,000 (143)								
4-Chloro-m-cresol	1								<del></del>					
4-Chloro-o-cresol														
6-Chloro-m-cresol														
Chloroethane														
Chloroform														
Chloromethane														
Chloromethyl methyl ether														
3-Chloro-2-methylpropene														
2-Chloronaphthalene	1700	4300				4300								
2-Chlorophenol	120	400 .				400								
3-Chlorophenol														
4-Chlorophenol														
4-Chloro-o-phenylenediamine														

	Nu		lifornia Water C			e s	US				ient Water Quality Criteria fe Protection		
	Human Health							commend		rta			
ORGANIC	(30-day Average)			uatic Life		Т.	Continuous	1	Maximum			city inform	
	aquatic organism	6-month	30-day	7-day	Daily	Instantaneous	Concentration	1	Concentration	înstantaneous		bserved Ef	
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
n-Butyl acetate													
n-Butyl acrylate													<u> </u>
sec-Butyl alcohol													
tert-Butyl alcohol													
n-Butylamine													
Butylate													
Butylated hydroxyanisole													
n-Butyl benzyl phthalate					L						2944 (45)		3.4 (38,45)
n-Butyl lactate													
n-Butyl mercaptan													
Butylphthalyl butylglycolate											2944 (45)		3.4 (38.45)
p-tert-Butyltoluene													
beta-Butyrolacione					<u> </u>								
Camphor													
Caprolactam													<u> </u>
Captafol						]							
Captan													
Carbaryl							0.81 (151)		0.81 (151)				
Carbofuran													<u> </u>
Carbon tetrachloride	0.90#				ਚ						50,000	6400 (20)	11,500 (20,82)
Carbosulfan													
Carboxin					1	1							
Catechol		30 (86)			120 (86)	300 (86)							
Chloral													ļ
Chloral hydrate						I							
Chloramben													ļ
Chlorambucil													
Chlordane	0.000023 # (81)				T		0.004 (114)			0.09			
Chlordimeform													
Chlorendic acid			4		I								
Chlorimuron-ethyl													
Chlorinated paraffins													
Chlorinated benzenes					T						160	129	
Chlorinated naphthalenes											7.5		
Chlorinated phenols		1			4	10							
Chloroacetic acid													
Chloroalkyl ethers													
p-Chloroaniline													<u> </u>
Chlorobenzene	570									٠.	160 (22)	129 (22)	
4-Chloro-m-cresol		1 (87)			4 (87)	10 (87)							
4-Chloro-o-cresol		1 (87)			4 (87)	10 (87)							
6-Chloro-m-cresol		1 (87)			4 (87)	10 (87)							
Chloroethane													
Chloroform	130 #										12,000 (20)	6400 (20)	11,500 (20,82)
Chloromethane	130 # (13)										12,000 (20)	6400 (20)	11,500 (20.82)
Chloromethyl methyl ether													
3-Chloro-2-methylpropene													
2-Chloronaphthalene			1		1	1		†			7.5 (48)		
2-Chlorophenol		1 (87)			4 (87)	10 (87)		1			· · · · · · · · · · · · · · · · · · ·		
3-Chlorophenol		1 (87)	T		4 (87)	10 (87)	T	1		<del></del>	1		
4-Chlorophenol	1	1 (87)	1		4 (87)	10 (87)		<del>   </del>			29,700		1
4-Chloro-o-phenylenediamine	<del></del>		T		T	T	1				T		

	Chemical							
	Abstracts							
	Service							
ORGANIC	Registry							
CONSTITUENT	Number	Synonyms and Abbreviations						
n-Butyl acetate	123-86-4		<del></del>	T				
n-Butyl acrylate	141-32-2	<del></del>						
sec-Butyl alcohol	78-92-2	sec-Butanol	2-Butanol	<del> </del>				
tert-Butyl alcohol	75-65-0	t-Butyl alcohol	t-Butanol	TBA				
n-Butylamine	109-73-9	1-Aminobutane	College	100				
Butvlate	2008-41-5	Sutan		<del></del>				
Butylated hydroxyanisole	25013-16-5	ВНА	Antioxyne B	<del> </del>				
n-Butyl benzyl phthalate	85-68-7	Benzyl butyl phthalate	A phthalate acid ester (PAE)	<del></del>				
n-Butyl lactate	138-22-7	Control Botty providence	A printing both color (i Ac)	<del> </del>				
n-Butyl mercaptan	109-79-5	1-Butanethiol	<del></del>					
Butylphthalyl butylglycolate	85-70-1	BPBG	Butyl glycolyl butyl phthalate	A phthalate acid ester (PAE)				
p-tert-Butyltoluene	98-51-1	1-Methyl-4-tert-butylbenzene		proprieto and data (1 AE)				
beta-Butyrolactone	96-48-0	3-Hydroxybutyric acid		<del> </del>				
Camphor	464-49-3	2-Camphanone		<del> </del>				
Campilor	105-60-2	1,6-Hexolactam	<del></del>	<del> </del>				
Captafol	2425061	Difolatan	Sulfonimide					
Captan	133-06-2	Orthocide	N-Trichloromethylmercapto-tetrahydrophthalimide	<del></del>				
Carbaryl	63-25-2	Sevin	The secondary was capte to any die prantaining	<del></del>				
Carbofuran	1563-66-2	Furadan		<del></del>				
Carbon tetrachloride	56-23-5	Tetrachloromethane	Freon 10	<del> </del>				
Carbosulfan	55285-14-8	Advantage						
Carboxin	5234-68-4	Carboxine	Carbathiin	Vitavax				
Calechol	120-80-9	Odrodania		THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OT THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OT THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OF THE TOTAL CONTRACTOR OF THE TO				
Chloral	75-87-6	Trichloroacetaldehyde	<u> </u>					
Chloral hydrate	302-17-0	Trichloroacetaldehyde, hydrated	Trichloroethylidene ghycol	1,1,1-Trichloro-2,2-ethanediol				
Chloramben	133-90-4	Amiben		1,1,1 Mailore 2,2 difference				
Chlorambucil	305-03-3			<del></del>				
Chlordane	57-74-9	Chlordan		<del> </del>				
Chlordimeform	6164-98-3			<del></del>				
Chlorendic acid	115-28-6	3.4						
Chlorimuron-ethyl	90982-32-4	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	<del></del>				
Chlorinated paraffins	1 223 32 1	Paraffins, chlorinated	Chlorinated waxes	Waxes, chlorinated				
Chlorinated benzenes	68411-45-0	Benzenes, chloringted		TVENUS, CHIOTINALOS				
Chlorinated naphthalenes	25586-43-0	Naphthalenes, chlorinated	<u> </u>	<del>-  </del>				
Chlorinated phenols	20000 100	Phenols, chlorinated						
Chloroacetic acid	79-11-8	Monochloroaceticacid	A haloacetic acid	<del></del>				
Chloroalkyl ethers		Ethers, chloroalkyl-						
p-Chloroaniline	106-47-8	1-Amino-4-chlorobenzene		<del></del>				
Chlorobenzene	108-90-7	Monochlorobenzene						
4-Chloro-m-cresol	59-50-7	4-Chloro-3-methylphenol	p-Chloro-m-cresol	3-Methyl-4-chlorophenol				
4-Chloro-o-cresol	1570-64-5	4-Chloro-2-methylphenol	p-Chloro-o-cresol	2-Methyl-4-chlorophenol				
6-Chloro-m-cresol	1,0,0	6-Chloro-3-methylphenol	3-Methyl-6-chlorophenol	2 mosty - Chorphono				
Chloroethane	75-00-3	Ethyl chloride						
Chloroform	67-66-3	Trichloromethane	Freon 20	a trihalomethane (THM)				
Chloromethane	74-87-3	Methyl chloride		To since control (11 list)				
Chloromethyl methyl ether	107-30-2	CMME	Methylchloromethyl ether	Chloromethoxymethane				
3-Chloro-2-methylpropene	563-47-3	3-Chloroisobutylene	industrial distriction of the state of the s	Compression (OXYMIGURATE)				
2-Chloronaphthalene	91587	beta-Chloronaphthalene	<del></del>	<del>                                     </del>				
2-Chlorophenol	95-57-8	o-Chlorophenol						
3-Chlorophenol	108-43-0	m-Chlorophenol	<del></del>					
4-Chiarophenal	106-48-9	p-Chiorophenol		<del>                                     </del>				
4-Chloro-o-phenylenediamine	95-83-0	1-Chloro-3,4-diaminobenzene	<del></del>	<del></del>				

ORGANIC CONSTITUENT	Drinking Water Standards (California & Federai) Maximum Contaminant Levels (MCLs)					California Public Health Goal (PHG) in Drinking Water (Office of Environmental	California State Action Levels		Other
	California Dept. of Health Services		U.S. Environmental Protection Agency			Health Hazard	(Department of Health Services)		Taste & Odor
	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Chloropicrin	1	T		T			50	37	37 (126)
beta-Chloroprene					·····				24 (126)
3-Chloropropene									8.9 (126)
Chlorothalonil									
2-Chlorotoluene				-			140		6.9 (126)
4-Chlorotoluene							140		
p-Chloro-o-toluidine									
Chlorozotocin									
Chlorpropham							350		
									-
Chlorpyrifos		l			L				
Chlorsulfuron									
Chrysene									
C. I. Basic Red 9									
monohydrochloride		<u> </u>							
Cinnamyl anthranilate									
p-Cresidine									
m-Cresol									37 (126)
o-Cresol									
p-Cresol			-		· · · · · · · · · · · · · · · · · · ·				
trans-Crotonaldehyde									420 (126)
Cumena		† · · · · · · · · · · · · · · · · · · ·							0.8 (126)
Cupferron				1					
Cyanazine		1			<del></del>			<del></del>	† · · · · · · · · · · · · · · · · · · ·
Cyanogen	<u> </u>	·		<del> </del>		<del></del>			<del> </del>
Cyclohexane	<del> </del>	<del> </del>		<del> </del>	<del></del>	<del></del>	<del></del>	<del></del>	11 (126)
Cyclohexanol	<del> </del>	<del> </del>		<del> </del>				<del> </del>	2800 (126)
Cydohexanone	<del> </del>	<del> </del>		<del></del>				<del></del>	8300 (126)
Cyclohexene		<del> </del>						<del> </del>	0.39 (126)
Cyclonexylamine	+	1		<del>                                     </del>	<del></del>			<del> </del>	25.000 (126)
Cyclopentadiene	+								6 (126)
Cyclophosphamide		<del></del>		<del></del>					0 (120)
Cyhalothrin		-						1	<del></del>
	<del></del>	<del> </del>		<del> </del>	<del></del>	<del></del>		<del></del>	<del> </del>
Cypermethrin		·		·		<del></del>			<del> </del>
Cyromazine 2.4-D	70	<del></del>	70	<del></del>	70	<del></del>		<del> </del>	<del> </del>
		<del></del>		<del></del>	//	70	·····	<del>                                     </del>	
Dacarbazine	+	<del></del>		<del></del>	<del> </del>	<del></del>		<del></del>	
Dacthal (DCPA)	100	<del></del>	200	<del> </del>		<del></del>		<del> </del>	<del> </del>
Dalapon	200	<del> </del>	200	<del> </del>	200	790		<del> </del>	ļ
Daminozide	<del></del>	+			<u> </u>	<del></del>		<del> </del>	<del> </del>
Danitol	<del></del>	<del> </del>		<del> </del>				<del></del>	<del> </del>
Dantron	<del> </del>	<del> </del>			<del> </del>				<del> </del>
D&C Red No. 9	<del></del>	ļ		<del> </del>				<u> </u>	<del> </del>
DDD	<del></del>			<del></del>					
DOE		\						<del></del>	1
DDT				ļ					<del> </del>
Decabromodiphenyl ether	<u> </u>	<u> </u>		1				<u> </u>	ļ
Demeton					-				
Diacetone alcohol									64,000 (126)
2,4-Diaminoanisole									
2.4-Diaminoanisole sulfate									
4,4'-Diaminodiphenyl ether	T								

ORGANIC	USEPA Integrated Risk Information	Drinking Water Health Advisories or Suggested No-Adverse-Response Levels (SNARLs)		Cano	One-in-a-Milli er Risk Estimat	California Proposition 65			
	System (IRIS)			Cal/EPA Cancer	USEPA	USEPA	National Academy	Regulatory	
	Reference Dose as a Drinking Water Level (60)	for toxicity other USEPA	National Academy of Sciences (NAS)	Potency Factor as a Drinking Water Level (102)	Integrated Risk Information System (IRIS)	Drinking Water Health Advisory or SNARL	of Sciences (NAS)  Drinking Water  and Health	Level as a Drinking Water Level (14)	Agricultural Water Quality Goals (78)
Chloropicrin			12 / 40 (7)	·			1		[
beta-Chloroprene	7				····		7-7	#	
3-Chloropropene				1.7	(C)			15	
Chlorothalonil		2 (10-day)		11		1.5 (B2)		100 / 30 # (68)	
2-Chlorotoluene	140	100				(D)			
4-Chlorotoluene		100				(D)			
p-Chloro-o-toluidine				0.13				1.5 #	
Chlorozotocin				0.00015				0.0015#	
Chlorpropham	1400						<del> </del>		
Chlorpyrifos	21	20				(D)			
Chlorsulfuron	350							R	
Chrysene				0.29 (93)	(B2)	(B2)		0.1 # (68)	
C. I. Basic Red 9 monohydrochloride				0.00015				1.5#	
Cinnamyl anthranilate				7.6				100#	
p-Cresidine				0.23				2.5 #	
m-Cresol	35				(C)				
o-Cresol	35				(C)				
p-Cresol			4		(C)				
trans-Crotonaldehyde					(C)				
Cumene	700	11,000 (10-day,68)			(0)	(D,68)			
Cupterron				0.16			<u> </u>	1,5 #	
Cyanazine		1 (68)				(C.68)	1	R	
Cyanogen	280						<u> </u>		
Cyclohexane						<u> </u>	ļ		
Cyclohexanol								R	
Cyclohexanone	35,000							<del></del>	
Cyclohexene	<del></del>						ļ	<del> </del>	
Cyclohexylamine	1400						ļ	<del></del>	ļ
Cyclopentadiene				0.061	<del></del>	ļ			
Cyclophosphamide				0.061				0.5 #R	
Cyhalothrin	35 70					·	<del> </del>	<del>'</del>	
Cypermethrin	53							<del></del>	
Cyromazine 2,4-D	70	70	87.5		· · · · · · · · · · · · · · · · · · ·	(D)	<del> </del>	<del></del>	<del> </del>
	70	70	07.3	0.00071				0.005 #R	
Dacarbazine Dacthal (DCPA)	70	70		0.00077	<del></del>	(D)	<del> </del>	0.003 #R	
Dalapon	210	200	<del></del>		<del></del>	(0)	<del> </del>		<del></del>
Daminozide	1050	200		1.9	·	(0)	<del> </del>	20 / 40 # (68)	
Danitol	180				<del></del>	<del>                                     </del>	<del> </del>	20,40 - (00)	
Dantron	1.00			0.46		<del> </del>	<del> </del>	4.5 #	
D&C Red No. 9	<del></del>			6.6			<del> </del>	50 #	
DDD				0.15	0.1 (B2)		<del>   </del>	1 # (50)	
DDE				0.1	0.1 (B2)			1 # (50)	
DDT	3.5			0.1	0.1 (B2)		0.042	1 #R (50)	
Decabromodiphenyl ether	7				(C)		† <del></del>		
Demeton	0.3				\\\		†		
Diacetone alcohol			· · · · · · · · · · · · · · · · · · ·						
2.4-Diaminoanisole	··			1.5				15#	
2.4-Diaminoanisole sulfate		•		2.7			<del>                                     </del>	25#	
4.4'-Diaminodiphenyl ether				0.25			1	2.5#	··· - · · · · · · · · · · · · · · · · ·

	USEPA National Recommended Ambient Water Quality Criteria												
		Human Healti	and Welfare	Protection			Fres	hwater A	quatic Li	Life Protection			
	Non-Cancer I	Health Effects	One-in-a-Million C	ancer Risk Estimate		R	commend						
	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum			icity inform		
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous	(Lowest	Observed Eff		
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other	
Chloropicrin				1			T				T	<del></del>	
peta-Chloroprene				<del> </del>		<del></del>	<del></del>				<del> </del>		
3-Chloropropene	<del> </del>										<del> </del>	<del> </del>	
Chlorothalonil				<del> </del>				<del></del>				<del> </del>	
2-Chlorotoluene	<del></del>			<del> </del>			<del> </del>						
4-Chlorotoluene				<del> </del>		<del></del>	<del> </del>					<del> </del>	
-Chloro-o-toluidine	<del></del>			<del> </del>		<del></del>	<u> </u>					<del> </del>	
Chlorozotocin				<del>  </del>			<del></del>					<del> </del>	
Chlorpropham	<del></del>		<del></del>	<del> </del>		<del></del>	<del>}</del>	<del> </del>				<del> </del>	
Спогрюрнан				<del>   </del>			<del> </del>	<del></del>			<del> </del>	<del> </del>	
Chlorpyrifos				1	l	0.014 / 0.041 (151)	)	0.02 / 0.083 (151)			1	1 .	
Chlorsulfuron				<del> </del>		0.01470.041(101)	<del> </del>	0.02 / 0.003 (131)				<del> </del>	
Chrysene	<del></del>	<del></del>	0.0044 (41)	0.049 (41)		<del> </del>	<del>                                     </del>	<del> </del>	<del></del>		<del> </del>	<del>                                     </del>	
C. I. Basic Red 9	<del> </del>		0.0044 (41)	0.043 (41)			<del>                                     </del>	l	<del></del>		<del> </del>	<del> </del>	
monohydrochloride				[		1		1	}	!	}	1	
Cinnamyl anthranilate	<del> </del>		<del> </del>	<del> </del>		<del> </del>	<del> </del>	<u> </u>	r		<del> </del>	<del> </del>	
p-Cresidine	<del></del>		<del></del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del> </del>	
m-Cresol	<del></del>	<del></del>		<del> </del>		<del></del>	<del> </del>	<del> </del>	· · · · · · · · · · · · · · · · · · ·				
o-Cresol	<del></del>		<del></del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>			<del>                                     </del>	<del> </del>	
p-Cresol	<del></del>			<del> </del> ,		<del> </del>					<del>                                     </del>	<del> </del>	
trans-Crotonaldehyde			<del></del>			<del></del>	<del> </del>	<del> </del>	<del></del>		<del> </del>	<del> </del>	
Cumene			<del></del>	<del>                                     </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del></del>		<del>                                     </del>	<del></del>	
Cupferron		<u> </u>	<del></del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del> </del>	
	<del></del>	<del> </del>	<u> </u>	<del> </del>		<del> </del>	<del> </del>	<del></del>	<del> </del>	<del></del>	· <del> </del>	<del></del>	
Cyanazine	<del></del>	<del> </del>	<del></del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>	<b></b>		<del> </del>		
Cyanogen	<del></del>	ļ <del></del>		<del></del>		<del></del>	<del> </del>	<del> </del>	<del></del>		<del> </del>	<del> </del>	
Cyclohexane		ļ	<del> </del>	<del> </del>		<del> </del>	<u> </u>	<del> </del>	<b></b>		<del> </del>	<del></del>	
Cyclohexanol		ļ. <del></del>			<del></del>	<del> </del>	ļ	<del> </del>	<del></del>	ļ	<del> </del>	<del> </del>	
Cyclohexanone		ļ. <del></del>		<del></del>				ļ	<del></del>		<del> </del>	<del></del>	
Cyclohexene		Ļ	<del></del>	<del> </del>		<del> </del>	ļ	ļ	ļ				
Cyclohexylamine				<del> </del>		ļ	<u> </u>	ļ			<del> </del>		
Cyclopentadiene		L				ļ	L	<del></del>			<del></del>	<del> </del>	
Cyclophosphamide	<del>-  </del>	<b></b>	<b></b> _	<del></del>		<del>}</del>	<u> </u>	<u> </u>	<b>}</b>		<del> </del>		
Cyhalothrin		L		ļ <del>.</del>				<u> </u>			<del></del>		
Cypermethrin				<del></del>			<u> </u>	<u> </u>	<del></del>		<del> </del>	<del></del>	
Cyromazine											<u> </u>	<b></b>	
2.4-D	100 (51)	L						<u> </u>	ļ		<del></del>	<del></del>	
Dacarbazine							ļ				<b>-</b>	<del> </del>	
Dacthal (DCPA)		L	(8) 800.0				<u> </u>	ļ	14,300 (8)	ļ	<del> </del>	<del> </del>	
Dalapon		L					1		110 (54)		<del> </del>	<del> </del>	
Daminozide		L	<u> </u>								<del> </del>	<del> </del>	
Danitol		L					L				<del> </del>	<del> </del>	
Dantron								L				<del></del>	
D&C Red No. 9									ļ		<del> </del>	<del> </del>	
DDD			0.00083	0.00084			1	1		0.6	1	<del></del>	
DDE			0.00059	0.00059					<u> </u>	1050			
DDT			0.00059	0.00059		0.001 (114)			1.1				
Decabromodiphenyl ether					L					360 (58)	122 (58)		
Demeton									0.1 (51)		<u> </u>		
Diacetone alcohol		I											
2,4-Diaminoanisole													
2,4-Diaminoanisole sulfate												1	
4,4'-Diaminodiphenyl ether		<del> </del>	T						T		1	1	

	California Toxics Rule Criteria (USEPA) Inland Surface Waters Enclosed Bays & Estuaries											
			d Surface W				nclosed Bay	s & Estuario	1 5			
	Human Health (3			er Aquatic Life F	rotection	Human Health		r Aquatic Life P	rotection			
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum				
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous			
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum			
Shloraniarin				r								
Chloropicrin beta-Chloroprene				<del> </del>		<del> </del>		<del>                                  </del>				
								<del> </del>				
3-Chloropropene				<del>                                     </del>	· · · · · · · · · · · · · · · · · · ·	<del> </del>						
Chlorothalonil			<del></del>	ļ				<del> </del>				
2-Chlorotoluene	· <del></del>				<del></del>	<del> </del>		<del>                                     </del>	<del></del>			
4-Chlorotoluene		······································		<del> </del>								
p-Chloro-o-toluidine				<del> </del>		<del> </del>		<del> </del>				
Chlorozotocin			<del></del>	<del> </del>	<del></del>	<del> </del>		<del> </del>				
Chlorpropham												
	1 1	1		ļ :		}		1				
Chlorpyrifos				ļ		ļ		<del> </del>				
Chlorsulfuron				<del>                                     </del>								
Chrysene	0.0044 (113)	0.049 (113)				0.049 (113)		<del> </del>				
C. I. Basic Red 9	1	1		1				[				
monohydrochloride				<del></del>		<u> </u>		<b></b>				
Cinnamyl anthranilate												
p-Cresidine												
m-Cresol												
o-Cresol												
p-Cresol	-1			T								
trans-Crotonaldehyde												
Cumene												
Сиргетоп				T								
Cyanazine												
Cyanogen						<del>                                     </del>						
Cyclohexane												
Cyclohexanol				1				<del>                                     </del>				
Cyclohexanone	<del></del>	<del></del>		<del> </del>		<del></del>		<del> </del>				
Cyclohexene				<del> </del>		<del> </del>		<del> </del>				
	<del></del>			<del> </del>			<del> </del>	<del>   </del>	~			
Cyclohexylamine				<del> </del>		ļ		<del> </del>				
Cyclopentadiene				<del> </del>				<del> </del>				
Cyclophosphamide						<del></del>		<del> </del>				
Cyhalothrin								<del> </del>	<del></del>			
Cypermethrin						<del> </del>		<del> </del>	<del></del>			
Cyromazine				ļ. ————		<del> </del>		<del> </del>				
2, <b>4-</b> D				<del> </del>		ļ		<del> </del>				
Dacarbazine			<del></del>	<del> </del>	<del></del>	<del> </del>		<del>                                     </del>				
Dacthal (DCPA)				<del> </del>								
Dalapon				ļ		ļ		<del> </del>				
Daminozide				ļ								
Danitol				ļ		ļ		<u> </u>				
Dantron				<del> </del>		<u> </u>		<u> </u>				
D&C Red No. 9				<u> </u>				<u> </u>				
DDD	0.00083 (113)	0.00084 (113)				0.00084 (113)						
DDE	0.00059 (113)	0.00059 (113)		1		0.00059 (113)						
DDT	0.00059 (113)	0.00059 (113)	0.001 (114)		1,1	0.00059 (113)	0.001 (114)		0.13			
Decabromodiphenyl ether												
Demeton												
Diacetone alcohol								1 1	· · · · · · · · · · · · · · · · · · ·			
2,4-Diaminoanisole				T				<del> </del>				
2,4-Diaminoanisole sulfate			<del></del>			<del>                                     </del>						
4,4'-Diaminodiphenyl ether				<u> </u>				<del> </del>	·			
4.4 -Diaminoulphanyi amai		<u> </u>		<del></del>		<del></del>		<del></del>	<del> </del>			

	Nu		lifornia I Water (			0 8	US	SEPA Nation	al Recomme Saltwater A				eria
	Human Health							commend	ed Crite		Toxicity Information		
ORGANIC	(30-day Average) aquatic organism	6-month	30-day	uatic Life 7-day	Daily	Instantaneous	Continuous Concentration		Maximum Concentration				nation (fect Level)
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum		24 hour Averses	(1-hour Average)	Instantaneous Maximum	Acute	Chronic	Other
	100.100.101.011.011		7.101230	Average		111021110111	Tarasi Menage	Zadiodi Average	(14logi Average)	W 8 A 11 11 11 11 11 11 11 11 11 11 11 11 1	Acute	7	
Chloropicrin			ļ		<u> </u>	<del> </del>		<u> </u>					
beta-Chloroprene 3-Chloropropene	<del></del>		<del> </del>		<del> </del>			ļ				<del></del>	<del> </del>
Chlorothalonil			<del> </del>		<del> </del>	<del> </del>	<del>}</del>	<del>}</del>				<u> </u>	<del></del>
2-Chlorotoluene	<del></del>		<del> </del>	<del></del>	<del>                                     </del>		<del> </del>	<del></del>			<del></del>	<del> </del>	+
4-Chlorotoluene	<del></del>		<del></del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>				<del></del>	<del></del>
p-Chloro-o-toluidine			<del> </del>		<del> </del>	<del></del>	<del> </del>	<del> </del>	·	_ <del></del>		<del> </del>	
Chlorozotocin			<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>				<del> </del>
Chlorpropham			·		<del> </del> -	<del></del>		<u> </u>	<del> </del>			†	
			<del></del>	<b>———</b>	<del></del>	<del></del>	0.009 / 0.0056	†					
Chlorpyrifos			1	<u> </u>	1		(151)		0.02 / 0.011 (151)				
Chlorsulfuron													
Chrysene	0.0088 # (33)										300 (52)		
C. I. Basic Red 9 monohydrochloride													
Cinnamyl anthranilate													
p-Cresidine												1	
m-Cresol		30 (86)			120 (86)	300 (86)							
o-Cresol		30 (86)			120 (86)	300 (86)							
p-Cresol		30 (86)			120 (86)	300 (86)							
trans-Crotonaldehyde					ļ		<u> </u>	<u> </u>	<u> </u>				
Cumene			<del> </del>		<u> </u>		<u> </u>					ļ	<del></del>
Cupferron			<del> </del>	ļ			<u> </u>	<u> </u>				<del></del>	
Cyanazine			<del> </del>	<del> </del>			<del></del>	<del> </del>	<del> </del>			<del>-</del>	<del></del>
Cyanogen Cyclohexane	<del></del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>				<del> </del>	<del> </del>	
Cyclohexanol			+	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del></del>
Cyclohexanone	<del></del>		<del></del>	<del> </del>	<del> </del>	<del></del>	+	+	<del> </del>	<del> </del>	<del> </del>	<del> </del>	
Cyclohexene	<del></del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>		<del> </del>	<del> </del>	
Cyclohexylamine				1	<del> </del>	<u> </u>	<del> </del>	<del> </del>	<del> </del>		-	<del> </del>	
Cyclopentadiene			*	<del> </del>	<del> </del>	T	1	<del> </del>	<del> </del>			<del> </del>	<del></del>
Cyclophosphamide					<del> </del>	<u> </u>	<del> </del>			<del></del>			
Cyhalothrin				İ			†	<del> </del>	<del> </del>		· .		
Cypermethrin				1									
Cyromazine												Till Elli	
2,4-D												I	
Dacarbazine												ļ	
Dacthal (DCPA)						ļ		<u> </u>	ļ				
Dalapon			<b></b>	<del> </del>	<del>                                     </del>	<del></del>	ļ		<u> </u>	<u> </u>	ļ	ļ	
Daminozide	_		<del> </del>	}	<del> </del>		-	<del> </del>	ļ		<del></del>	<del></del>	
Danitol			<del> </del>		-		-	ļ			<del> </del>	<del> </del>	<del></del>
Dantron DIC Red No. 0	<del></del>		<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>		<del> </del>	<del></del>	+
D&C Red No. 9 DDD	0.00017 # (50)		<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del></del>	3.6	<del> </del>	+
DDE	0.00017 # (50)		+	<del> </del>	<del> </del>	<del> </del>	+	+	<del> </del>		3.6	+	<del></del>
DDT	0.00017 # (50)		<del> </del>	<del> </del>	<del> </del>	<del> </del>	0.001 (114)	+	<del> </del>	0.13	<del> </del>	<del> </del>	+
Decabromodiphenyl ether	0.00017 # (50)		1	<del> </del>	<del> </del>	<del> </del>	0.001(114)	· <del> </del>	<del> </del>	0.13		1	1
Demeton				<del> </del>	<del> </del>	1	<del> </del>	1	1	0.1 (51)			
Diacetone alcohol			<del>                                     </del>	1	<del>                                     </del>		1	<del> </del>	1		<del></del>	<del>                                     </del>	<del></del>
2,4-Diaminoanisole	<u> </u>		<del> </del>	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	1	<del> </del>		1	1	
2,4-Diaminoanisole sulfate				<del> </del>		T		1					I
4,4'-Diaminodiphenyl ether								1	1				

	<del></del>	<del></del>		
	Chemical			
	Abstracts			
0001440	Service			
ORGANIC	Registry			
CONSTITUENT	Number	<u> </u>	ynonyms and Abbreviatio	ns
Chloropicrin	76-06-2			
beta-Chloroprene	126998	2-Chlorobutadiene-1,3		
3-Chloropropene	107-05-1	Allyl chloride	2-propenyl chloride	
Chlorothalonil	.1897-45-6	Bravo	Daconil	
2-Chiorotoluene	95-49-8	o-Chiorotoluene		
4-Chlorotoluene	106-43-4	p-Chlorotoluene		
p-Chloro-o-toluidine	95-69-2			
Chlorozotocin	54749-90-5	Glucopyranose		
Chlorpropham	101-21-3	CIPC	Chloro-IPC	Isopropyl-N-(3-chlorophenyl)carbamate
Chlorpyrifos	2921-88-2	Dursban	Lorsban	
Chlorsulfuron	64902-72-3	Sulfonamide		
Chrysene	218-01-9			a polynuclear aromatic hydrocarbon
C. I. Basic Red 9				
monohydrochloride	569-61-9	Basic parafuchsine		
Cinnamyl anthranilate	87-29-6			
p-Cresidine	120-71-8	2-Methyoxy-5-Methylaniline	5-Methyl-o-anisidine	
m-Cresol	108-39-4	3-Methylphenol		
o-Cresol	95-48-7	2-Methylphenol		
p-Cresol	106-44-5	4-Methylphenol	a .	
trans-Crotonaldehyde	4170-30-3	2-Butenal	beta-Methyl acrolein	
Cumene	98-82-8	Isopropyl benzene	2-Phenylpropane	
Cupferron	135-20-6	Ammonium nitroso-beta-phenylhydroxylamine		
Cyanazine	21725-46-2	Bladex		
Cyanogen	460-19-5	Ethanedinitrile	Prussite	
Cyclohexane	110-82-7			
Cyclohexanol	108-93-0			
Cyclohexanone	108-94-1			
Cyclohexene	110-83-8			
Cyclohexylamine	108-91-8	Aminocyclohexañe		
Cyclopentadiene	542-92-7			
Cyclophosphamide	50- <u>18</u> -0	Endoxan monohydrate	Genoxal	Mitoxan
Cyhalothrin	68085-85-8	Karate		
Cypermethrin	52315-07-8	Stockade		
Cyromazine	66215-27-8	Azimethiphos		
2,4-D	94-75-7	2,4-Dichlorophenoxyacetic acid		
Dacarbazine	4342034			
Dacthal (DCPA)	1861-32-1	DCPA		
Dalapon	75-99-0	Dowpon	2,2-Dichloropropionic acid	
Daminozide	1596-84-5	Dazide	Alar	Butanedioic acid mono(2,2-dimethyl hydrazide)
Danitol	39515-41-8	Fenpropathrin	Fenpropanate	
Dantron	117-10-2	Chrysazin	1,8-Dihydroxyanthraquinone	
D&C Red No. 9	2092-56-0			
DDD	72-54-8	4,4'-DDD	Dichlorodiphenyldichloroethane	1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane
DDE	72-55-9	4,4'-DDE	Dichlorodiphenyldichloroethylene	
DOT	50-29-3	4,4'-DDT	Dichlorodiphenyltrichloroethane	
Decabromodiphenyl ether	1163-19-5	DBOPE	Bis(pentabromophenyl) ether	
Demeton	8065-48-3	Systox	<u> </u>	
Diacetone alcohol	123-42-2	4-Hydroxy-4-methyl-2-pentanone		
2,4-Diaminoanisole	615-05-4	Methoxyphenylenediamine	4-Methoxy-1,3-benzenediamine	
2,4-Diaminoanisole sulfate	39156-41-7	ļ		
4,4'-Diaminodiphenyl ether	101-80-4	4,4'-Oxydianiline	Bis(4-aminophenyl)ether	1

		Maximum (	Standards (Calif Contaminant Lev	els (MCLs)		California Public Health Goal (PHG) In Drinking Water (Office of Environmental	California St	Other Taste & Odor	
ORGANIC		of Health Services		nvironmental Protection	Agency	Health Hazard	(Department of	of Health Services)	
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
2,4-Diaminotoluene									<del></del>
Diazinon					<del></del>		6		
Dibenz(a,h)acridine					<del>                                     </del>				
Dibenz(a,j)acridine									
Dibenz(a,h)anthracene					1				
7H-Dibenzo(c,g)carbazole									
Dibenzo(a,e)pyrene									
Dibenzo(a,h)pyrene									
Dibenzo(a,i)pyrene									
Dibenzo(a,l)pyrene									
Dibromoacetic acid	60 (100,106)		60 (106,147)						
Dibromoacetonitrile	····				1				
1,4-Dibromobenzene									
Dibromochloromethane	100 / 80 (19,100)		100 / 80 (19,149)		60				
Dibromochloropropane (DBCP)	0.2		0.2		zero	0.0017			10 (125)
1.2-Dibromoethane	0.05		0.05	1	zero				
Dibutyl phthalate									
Dicamba									
Dichloroacetic acid	60 (100,106)		60 (106,147)		zero				
Dichloroacetonitrile				v					
1,2-Dichlorobenzene	600		600	10 (100)	600	600	600 (77)	10 (77)	24 (126)
1,3-Dichlorobenzene							600 (77)	10 (77)	
1,4-Dichlorobenzene	5		75	5 (100)	75	6			11 (126)
Dichlorobenzenes									
3,3'-Dichlorobenzidine									
Dichlorodifluoromethane				<u> </u>			1000		
1,1-Dichloroethane	5								
1,2-Dichloroethane	0.5		5		zero	0.4			7000 (126)
1,1-Dichloroethylene	6	<u> </u>	7		7	10			1500 (126)
cis-1,2-Dichloroethylene	6		70		70				
trans-1,2-Dichloroethylene	10	ļ	100		100				260 (126)
Dichloroethylenes		<u> </u>							<u> </u>
Dichloromethane	5	<u> </u>	5		zero	0.13 (100)			9100 (126)
2,3-Dichlorophenol					<u> </u>				
2.4-Dichlorophenol		<b></b>	<u></u>						<del> </del>
2,5-Dichlorophenol		l		<u> </u>					
2.6-Dichlorophenol									
3,4-Dichtorophenol									
4-(2,4-Dichlorophenoxy)butyric acid									
1.2-Dichloropropane	5		5		zero	0.5			10 (126)
Dichloropropanes		ļ							
1,3-Dichloropropene	0.5					0.2			ļ
Dichloropropenes		ļ					· · · · · · · · · · · · · · · · · · ·		
Dichlorvos									
Dieldrin					<u> </u>		0.002 #		<u> </u>
Diesel Oil									100 (49)
Diethanolamine									22,000,000 (126)
Diethylamine									470 (126)
Di(2-ethylhexyl) adipate	400		400		400				
Di(2-ethylhexyl)phthalate	4		6		zero	12			
Diethyl ketone		<u> </u>							4700 (126)
Diethyl phthalate									L

	USEPA Integrated		ealth Advisories or		One-in-a-Millio			California	
	Risk Information		dverse-Response		cer Risk Estimate			Proposition 65	
ORGANIC	System (IRIS) Reference Dose as a Drinking		SNARLs) r than cancer risk National Academy	Cal/EPA Cancer Potency Factor as a Drinking	USEPA Integrated Risk Information	USEPA Drinking Water Health Advisory	National Academy of Sciences (NAS) Drinking Water	Regulatory Level as a Orinking Water	Agricultural Water Quality
CONSTITUENT	Water Level (60)	USEPA	of Sciences (NAS)	Water Level (102)	System (IRIS)	or SNARL	and Health	Level (14)	Goals (78)
2.4-Diaminotoluene				0.0092				0.1#	
Diazinon		0.6	14			(E)			
Dibenz(a,h)acridine				0.029 (93)			1	#	
Dibenz(a,i)acridine				0.029 (93)	T			#	
Dibenz(a,h)anthracene				0.0085	(B2)			0.1#	
H-Dibenzo(c.g)carbazole				0.0029 (93)			1	0.00045 # (68)	
Dibenzo(a,e)pyrene				0.0029 (93)				#	
Dibenzo(a,h)pyrene				0.00029 (93)				0.001 # (68)	
Dibenzo(a,i)pyrene				0.00029 (93)				0.001 # (68)	
Dibenzo(a,I)pyrene				0.00029 (93)				#	
Dibromoacetic acid									
Dibromoacetonitrile		20	23 / 161 (7)			(C)			
1,4-Dibromobenzene	70		I						
Dibromochloromethane		60 (68)	18,000 (24-hr)	0.37		0.4 (C.68)	0.6	3.5	
Dibromochloropropane (DBCP)		50 (10-day)		0.005		0.03 (B2)	0.051	0.05 / 2.5 #R (5,68)	
1,2-Dibromoethane		8 (10-day)		0.0097	0.0004 (B2)	0.0005 (82)	0.055	0.1 #R	
Dibutyl phthalate	700		770		(D)	(D)			
Dicamba	210	200	8.75			(D)			
Dichloroacetic acid		5000 (10-day,68)	175 / 420 (7)		(B2)	(B2.68)		#	
Dichloroacetonitrile		6				(C)			
1,2-Dichlorobenzene	630	600	300 (25)		(D)	(D)			
1,3-Dichlorobenzene		600			(D)	(D)			
1,4-Dichlorobenzene		75	94 (25)	6.5		(C)		10 #	
Dichlorobenzenes									
3,3'-Dichlorobenzidine				0.029	0.08 (B2)			0.3#	
Dichlorodifluoromethane	1400	1000	5600 (7-day)			(D)			
1,1-Dichloroethane			L	6.1	(C)			50 #	
1,2-Dichloroethane		7 (10-day)		0.74	0.4 (B2)	0.4 (B2)	0.71	5#	
1,1-Dichloroethylene	6	7	100		0.06 (C)	(C)			
cis-1,2-Dichloroethytene		70			(0)	(D)	<u> </u>		
trans-1,2-Dichloroethylene	140	100			L	(D)	<u></u>		
Dichloroethylenes				<u> </u>			<u> </u>		
Dichloromethane	420	2000 (10-day,68)	5000 (7-day)	2.5	5 (82)	5 (82.68)	1	- 25#	
2,3-Dichlorophenol	21				L		<u> </u>	<u> </u>	
2,4-Dichlorophenol	21	20 (68)	2000 / 7000 (7)	ļ		(E.68)	ļ		
2,5-Dichlorophenol									
2,6-Dichlorophenol							ļ		
3,4-Dichlorophenol					L				
4-(2,4-Dichlorophenoxy)butyric acid	56			<del> </del>	ļ	·······	<del> </del>	R	
1,2-Dichloropropane		90 (10-day)	<u> </u>	0.97	L	0.6 (B2)	ļ	#	
Dichloropropanes					L		ļ <u>.</u>	<u> </u>	
1,3-Dichloropropene	210	3 (10-day)	<u> </u>	0.38	0.4 / 0.7 / 0.8 (B2)	0.4 (B2)	0.45	2 # (68)	
Dichloropropenes			<b></b>	ļ	ļ		ļ	<del>    </del>	
Dichlorvos		ļ. <u> </u>	<u> </u>	0.085	0.1 (B2)		ļ	1#	
Dieldrin	<u></u>	0.5 (10-day)	ļ	0.0022	0.002 (B2)	0.002 (B2)	0.0019	0.02 #	
Diesel Oil		100 (10-day.49)	Ļ				<del> </del>		
Diethanolamine	L	<del> </del>	<b></b>		<u> </u>		}	·	<del></del>
Diethylamine		ļ		ļ			ļ		
Di(2-ethylhexyl) adipate	420	400			30 (C)	30 (C)	<del>                _     _     _</del>		
Di(2-ethylhexyl)phthalate			4200	12	3 (B2)	3 (B2)	2.4	40#	
Diethyl ketone		ļ	<u> </u>		ļ		ļ		
Diethyl phthalate	5600	l	<u> </u>	1	(D)	(D)		L., L	

	γ		USEP	A Nationa	I Recom	mended	Ambient	Water Qua	lity Crit	eria			
	·	Human Healt	h and Welfar				Fres	hwater A	uatic Li	Life Protection			
		Health Effects		ancer Risk Estimate		R	e commend	ed Criter	1 a				
	Sources of	Other Waters	Sources of	Other Waters		Continuous	T	Maximum		Toxi	city Inform	stion .	
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration	1	Concentration	instantaneous	(Lowest C	bserved Eff	ect Level)	
CONSTITUENT				consumption only)	or Welfare	(4-day Average)	24-hour Average		Maximum	Acute	Chronic	Other	
2.4-Diaminotoluene	1							1				<del></del>	
Diazinon		<del></del>	<del></del>	<del> </del>		0.05 (4.54)	<u> </u>	0.08 / 0.09 (151.68)	0.009 (54)			<del> </del>	
	<del></del>		<del></del>	<del> </del>		0.05 (151)		(38,161) 80.01 80.01	0.009 (34)			-	
Dibenz(a,h)acridine	ļ		<del></del>	<del> </del>				<del> </del>				<del> </del>	
Dibenz(a,j)acridine	<del> </del>						L	<del> </del>				<del> </del>	
Dibenz(a,h)anthracene			0.0044 (41)	0.049 (41)		ļ		ļ				<del></del>	
7H-Dibenzo(c,g)carbazole			<b> </b> -			ļ		<del> </del>				<del></del>	
Dibenzo(a,e)pyrene	ļ					ļ		ļ				<del> </del>	
Dibenzo(a,h)pyrene				\				<del> </del>				<del></del>	
Dibenzo(a,i)pyrene	ļ		<del> </del>				L	<del>              _  </del>				<del> </del>	
Dibenzo(a,I)pyrene						<u> </u>		<del> </del>				ļ	
Dibromoacetic acid	<u> </u>						L	ļ				<del> </del>	
Dibromoacetonitrile	L					<del></del>	<u> </u>					<del> </del>	
1,4-Dibromobenzene	1			ļ			<u></u>	·			L	<del> </del>	
Dibromochloromethane			0.41	34			1	ļ		11,000 (20)		<del> </del> -	
Dibromochloropropane (DBCP)						<u> </u>							
1,2-Dibromoethane							L					<u> </u>	
Dibutyl phthalate	2700	12,000								940 (45)	3 (45)		
Dicamba									200 (54)				
Dichloroacetic acid								T					
Dichloroacetonitrile		·	<del>                                     </del>	*		<u> </u>							
1,2-Dichlorobenzene	2700	17,000	· · · · · · · · · · · · · · · · · · ·	1		<del> </del>		1		1120 (24)	763 (24)		
1,3-Dichlorobenzene	400	2600					<del> </del>	<del></del>		1120 (24)	763 (24)		
1,4-Dichlorobenzene	400	2600		<del> </del>			<del></del>			1120 (24)	763 (24)		
Dichlorobenzenes			<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del>                                     </del>		1120	763		
3,3'-Dichlorobenzidine	····	<del> </del>	0.04	0.077		<del> </del>		<del> </del>				<u> </u>	
Dichlorodifluoromethane	<del> </del>		0.19	0.071		<del> </del>	<del> </del>	<del> </del>		11,000 (20)	<del> </del>	<u> </u>	
1,1-Dichloroethane	ļ	<del></del>	0.79	<del></del>		<del> </del>		+	<del></del>	11,000 (20)	<del>                                     </del>		
1,2-Dichloroethane	<del> </del>	<del> </del>	0.38	99		<del> </del>	<del> </del>	+		118,000	20,000	<del> </del>	
	<del> </del>	·		3.2	<del></del>	<del>                                     </del>	<del> </del>	+		11,600 (27)	20,000	<del> </del>	
1,1-Dichloroethylene	\	·	0.057	3.2		<del> </del>	<del> </del>	<del></del>				<del>}</del>	
cis-1.2-Dichloroethylene			<del> </del>	<del> </del>		ļ		<del> </del>		11,600 (27)	<del></del>	+	
trans-1,2-Dichloroethylene	700	140,000	<del> </del>	ļ			ļ			11,600 (27)	ļ	<del></del>	
Dichloroethylenes	<del>}</del>	<b></b>	<del>}</del>	<del></del>		<del>}</del>	<u> </u>	<del></del>		11,600		<del> </del>	
Dichloromethane			4.7	1600		ļ	L			11,000 (20)		<del> </del>	
2,3-Dichlorophenol				<u> </u>	0.04					<u> </u>			
2,4-Dichlorophenol	93	790	<u> </u>		0.3					2020	365	70 (35)	
2,5-Dichlorophenol		I		<u> </u>	0.5							<del></del>	
2,6-Dichlorophenol		L	<u> </u>	<u> </u>	0.2		<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·			<del> </del>	
3,4-Dichlorophenol					0.3		L						
4-(2,4-Dichlorophenoxy)butyric acid												<del> </del>	
1,2-Dichloropropane			0.52	39						23,000 (28)	5700 (28)	1	
Dichloropropanes	1	I		T		1	T	1		23,000	5700		
1,3-Dichloropropene	10	1700	0.34 (68)	14 (68)		Ţ	<del>                                     </del>	1		6060 (29)	244 (29)		
Dichloropropenes	87	14,100	2.2.1.2.7	1 12		1	1	1		6060	244		
Dichlorvos	· · · · · · · · · · · · · · · · · · ·		<del>                                     </del>				<del>                                     </del>	1		<u> </u>	1		
Dieldrin	<del> </del>	<del></del>	0.00014	0.00014		0.056 (139)		0.24			<del> </del>	1	
Diesel Oil	<del> </del>	<del> </del>	0.00014	0.50017	<del> </del>	0.000 (100)	<del> </del>	<del>                                     </del>		<del></del>		1	
Diethanolamine	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del>                                     </del>	+	<del></del>	<del> </del>		<del> </del>	
\	<del> </del>	ļ ··- ·	t	-		<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del></del>	+	
Diethylamine	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>		<del></del>	<del></del>	<del> </del>	
Di(2-ethylhexyl) adipate	<del> </del>	<del> </del>	<del> </del>			(120)	<del> </del>	<del> </del>		· · · · · · · · · · · · · · · · · · ·		<del> </del>	
Di(2-ethylhexyl)phthalate	<del> </del>	<del> </del>	1.8	5.9	<del> </del>	(138)	<del> </del>	<del> </del>		<del></del>		<del> </del>	
Diethyl kelone	05.000	120.000	<del> </del>	<del> </del>		<del> </del>	<del>                                     </del>	<del> </del>	<del></del>	040 (45)	3 (45)		
Diethyl phthalate	23,000	120,000		<u> </u>	L	ــــــــــــــــــــــــــــــــــــــ	L			940 (45)	3 (43)	<del></del>	

	California: Toxics Rule Criteria (USEPA) Inland Surface Waters Enclosed Bays & Estuaries											
	11											
	Human Health (			er Aquatic Life F	rotection	Human Health		r Aquatic Life P	rotection			
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum				
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous			
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum			
2,4-Diaminotoluene			· · · · · · · · · · · · · · · · · · ·	1		1						
Diazinon	1											
Dibenz(a,h)acridine	1											
Dibenz(a,j)acridine												
Dibenz(a,h)anthracene	0.0044 (113)	0.049 (113)				0.049 (113)						
7H-Dibenzo(c,g)carbazole												
Dibenzo(a,e)pyrene												
Dibenzo(a,h)pyrene												
Dibenzo(a,i)pyrene												
Dibenzo(a,l)pyrene												
Dibromoacetic acid												
Dibromoacetonitrile												
1,4-Dibromobenzene												
Dibromochloromethane	0.41 (113)	34 (113)				34 (113)						
Dibromochloropropane (DBCP)												
1,2-Dibromoethane	<u> </u>											
Dibutyl phthalale	2700 (143)	12,000 (143)			· · · · · · · · · · · · · · · · · · ·	12,000 (143)						
Dicamba				l								
Dichloroacetic acid	l		· · · · · · · · · · · · · · · · · · ·									
Dichloroacetonitrile	11											
1,2-Dichlorobenzene	2700	17,000				17,000						
1,3-Dichlorobenzene	400	2600				2600						
1,4-Dichlorobenzene	400	2600				2600		<u> </u>				
Dichlorobenzenes												
3,3'-Dichlorobenzidine	0.04 (113,143)	0.077 (113,143)				0.077 (113,143)						
Dichlorodifluoromethane	<u> </u>											
1,1-Dichloroethane	ļ											
1,2-Dichtoroethane	0.38 (113,143)	99 (113,143)				99 (113,143)						
1,1-Dichloroethylene	0.057 (113,143)	3.2 (113,143)				3.2 (113,143)						
cis-1,2-Dichloroethylene							<del></del>		<del></del>			
trans-1,2-Dichloroethylene	700	140,000				140,000						
Dichloroethylenes	l					<u> </u>						
Dichloromethane	4.7 (113)	1600 (113)		L		1600 (113)						
2,3-Dichlorophenol												
2,4-Dichlorophenol	93 (143)	790 (143)		<b>}</b>		790 (143)			<del></del>			
2,5-Dichlorophenol												
2,6-Dichlorophenol	ļ <u></u>			ļ								
3,4-Dichlorophenol	L											
4-(2.4-Dichlorophenoxy)butyric acid					· · · · · · · · · · · · · · · · · · ·			-				
1,2-Dichloropropane	0.52	39				39						
Dichloropropanes				<b> </b>				ļ. <u> </u>				
1,3-Dichloropropene	10 (143)	1700 (143)		<u> </u>		1700 (143)						
Dichloropropenes				<del> </del>								
Dichlorvos			<del></del>	<u> </u>								
Dieldrin	0.00014 (113)	0.00014 (113)	0.056	0.24		0.00014 (113)	0.0019 (114)		0.71			
Diesel Oil												
Diethanolamine												
Diethylamine												
Di(2-ethylhexyl) adipate												
Di(2-ethythexyl)phthalate	1.8 (113,143)	5.9 (113,143)				5.9 (113,143)						
Diethyl ketone												
Diethyl phthalate	23,000 (143)	120,000 (143)				120,000 (143)		· · · · · · · · · · · · · · · · · · ·				

	Nu		lifornia Water C			e s	US	SEPA Nationa	il Recomme Saltwater A			uality Crite	ria
ORGANIC	Human Health (30-day Average) aquatic organism	6-month	Marine Aq	uatic Life 7-day	Protection Daily	Instantaneous	R e Continuous Concentration	commend	Maximum Concentration	r l a Instantaneous	Toxicity information (Lowest Observed Effect Level)		
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum		24-hour Average		Maximum	Acute	Chronic	Other
2,4-Diaminotoluene	<del>                                     </del>				<u> </u>								
Diazinon	<del>                                     </del>				<del></del>	<del> </del>	<del> </del>	<del> </del>	0.82 (68)				
Dibenz(a,h)acridine	1					<del> </del>	<del></del>	<del> </del>	0.02 (0.0)				
Dibenz(a,j)acridine	· <del> </del>				<del></del>	f	<del> </del>	<del> </del>					
Dibenz(a,h)anthracene	0.0088 # (33)		<del>                                     </del>			<del> </del>	<del> </del>	<del> </del>			300 (52)		
7H-Dibenzo(c.g)carbazole	0.0000 # (00)	·	<del> </del>		<del></del>	<del> </del>		<del> </del>			300 (52)		
Dibenzo(a,e)pyrene	<del> </del>		<del> </del>		<del></del>	<del> </del>	<del> </del>	<del> </del>	<del></del>		300 (52)		
Dibenzo(a,h)pyrene	<del> </del>	<del></del>	<del>                                     </del>		<del> </del>	<del> </del>	<del></del>	<del>                                     </del>	<del></del>		300 (52)		
Dibenzo(a,i)pyrene	<del> </del>		<u> </u>		<del> </del>	<del></del>	<del> </del>	<del>                                     </del>			300 (52)		
Dibenzo(a,l)pyrene	<del> </del>				<del> </del>		<del> </del>	<del> </del>			300 (52)		
Dibromoacetic acid	+		<del> </del>		<del></del>	<del> </del>		<del> </del>			300 (32)		<del></del>
Dibromoacetonitrile	<del></del>		<del> </del>		<del> </del>	<del> </del>	ļ	+					<del> </del>
1,4-Dibromobenzene	+	<del></del>	<del> </del>		<del></del>	<del> </del>		<del> </del>					<del>                                     </del>
Dibromochioromethane	130 # (13)		<del> </del>		<del> </del>	<del> </del>	<del></del>	<del>   </del>			12,000 (20)	6400 (20)	11,500 (20.82)
	130#(13)		<u> </u>		<del> </del>	<del> </del>					12,000 (20)	6400 (20)	11,300 (20.02)
Dibromochloropropane (DBCP)	- <del> </del>				<del> </del>	<del> </del>	<del></del>						<del></del>
1,2-Dibromoethane					<del></del>	<del> </del>					2211151	<del></del>	3.4 (38,45)
Dibutyl phthalate	3500		<del> </del>			<del></del>					2944 (45)		3.4 (38,43)
Dicamba	ļ		<u></u>			<del></del>	ļ	ļ					<b></b>
Dichloroacetic acid	<del> </del>		ļ		<del> </del>	<del> </del>	ļ	<b></b>					ļ
Dichloroacetonitrile	<u> </u>	<del></del>			<u> </u>								ļ
1,2-Dichlorobenzene	5100 (77)						<u></u>				1970 (24)	129 (22)	ļ
1,3-Dichlorobenzene	5100 (77)		<u> </u>								1970 (24)	129 (22)	
1,4-Dichlorobenzene	18#					1	<u> </u>				1970 (24)	129 (22)	
Dichlorobenzenes	5100 (77)					<u> </u>					1970	129 (22)	
3,3'-Dichlorobenzidine	0.0081#												
Dichlorodifluoromethane			<u> </u>	]	<u>l</u>	1					12,000 (20)	6400 (20)	11,500 (20,82)
1,1-Dichloroethane				L									
1,2-Dichloroethane	130 #										113,000		1
1,1-Dichloroethylene	7100										224,000 (27)		
cis-1,2-Dichloroethylene			.[		T						224,000 (27)		
trans-1,2-Dichloroethylene											224.000 (27)		
Dichloroethylenes											224.000		
Dichloromethane	450#										12,000 (20)	6400 (20)	11.500 (20.82)
2,3-Dichlorophenol		1 (87)	T		4 (87)	10 (87)							
2,4-Dichlorophenol	1	1 (87)	1	<del></del>	4 (87)	10 (87)	<del> </del>	1	i				
2,5-Dichlorophenol	1	1 (87)	<del> </del>		4 (87)	10 (87)	<b></b>	1			<del></del>		
2,6-Dichlorophenol	<del>                                     </del>	1 (87)			4 (87)	10 (87)							<del>                                     </del>
3,4-Dichlorophenol	<del> </del>	1 (87)			4 (87)	10 (87)	<del>}</del>	1					<del> </del>
4-(2.4-Dichlorophenoxy)butyric acid	al -	- 11-17	<del>                                     </del>		1	1 10.7		<del> </del>					<del> </del>
1,2-Dichloropropane	<del>-</del>		<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del>  </del>			10,300 (28)	3040 (28)	<b> </b>
Dichloropropanes	1		<del> </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			10,300	3040	<del></del>
1,3-Dichloropropene	8.9#		<del> </del>		<del>                                     </del>	<del> </del>	<del> </del> -	<del> </del>			790 (29)	30-0	<del>                                     </del>
Dichloropropenes	0.3#		<del> </del>		-	<del> </del>	<del> </del>	<del>                                     </del>			790 (29)	<del>                                     </del>	<del> </del>
Dichlorvos	<del>  </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	1	+			1 30		<del> </del>
Dieldrin	0.00004#				<del> </del>	+	0.0010 (114)	<del> </del>		0.71			<del> </del>
	0.00004 #		<del> </del>	<del></del>	<del> </del>	<del> </del>	0.0019 (114)	<del></del>		0./1			<del></del>
Diesel Oil	<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>		<del> </del>	<del> </del>
Diethanolamine	i		<del> </del>				<del> </del>	ļ					<del> </del>
Diethylamine								<del> </del>				<del></del>	<del></del>
Di(2-ethylhexyl) adipate	1		<del> </del>		-	<del></del>	1	<del> </del>					
Di(2-ethythexyl)phthalate	3.5#		<del> </del>	ļ	<del> </del>	<del> </del>	(138)	ļ					
Diethyl ketone		·	<del> </del>		ļ	<del></del>	ļ	·					
Diethyl phthalate	33,000	<del> </del>	1	<u> </u>	<u> </u>	1	1	1			2944 (45)		3.4 (38.45)

		1		
1	Chemical			
	Abstracts	l		
	Service	1		
ORGANIC	Registry	]		
CONSTITUENT	Number		Synonyms and Abbrevi	atlons
		<u> </u>		
2,4-Diaminotoluene	95-80-7	2,4-Toluenediamine		
Diazinon	333-41-5	Basudin	Neocidol	
Dibenz(a,h)acridine	226-36-8			
Dibenz(a.j)acridine	224-42-0			
Dibenz(a.h)anthracene	53-70-3	1,2;5,6-Dibenzanthracene	Dibenzo(a,h)anthracene	a polynuclear aromatic hydrocarbon
7H-Dibenzo(c,g)carbazole	194-59-2			a polynuclear aromatic hydrocarbon
Dibenzo(a,e)pyrene	192-65-4			a polynuclear aromatic hydrocarbon
Dibenzo(a,h)pyrene	189-64-0			a polynuclear aromatic hydrocarbon
Dibenzo(a,i)pyrene	189-55-9	ļ		a polynuclear aromatic hydrocarbon
Dibenzo(a,l)pyrene	191-30-0			a polynuclear aromatic hydrocarbon
Dibromoacetic acid		A haloacetic acid		
Dibromoacetonitrile	3252-43-5			
1,4-Dibromobenzene	106-37-6			
Dibromochloromethane	124-48-1	Chlorodibromomethane		a trihalomethane (THM)
Dibromochloropropane (DBCP)	96-12-8	1,2-Dibromo-3-chloropropane	DBCP	
1,2-Dibromoethane	106-93-4	Ethylene dibromide	ED8	
Dibutyl phthalate	84-74-2	Bis-butyl phthalate	Di-n-butylphthalate	A phthalate acid ester (PAE)
Dicamba	1918-00-9	Banvel		
Dichloroacetic acid	79-43-6	A haloacetic acid		
Dichloroacetonitrile	3018-12-0			
1,2-Dichlorobenzene	95-50-1	o-Dichlorobenzene	o-DCB	
1,3-Dichlorobenzene	541-73-1	m-Dichlorobenzene		
1,4-Dichlorobenzene	106-46-7	p-Dichlorobenzene	PDB	p-DCB
Dichlorobenzenes	25321-22-6	Benzenes, dichloro-		
3,3'-Dichlorobenzidine	91-94-1	DC8		
Dichlorodifluoromethane	75-71-8	Diffuorodichloromethane	Freon 12	
1,1-Dichloroethane	75-34-3	1,1-DCA		
1,2-Dichtoroethane	107-06-2	1,2-DCA	Ethylene dichloride	Freon 150
1,1-Dichloroethylene	75-35-4	1,1-Dichloroethene	1,1-DCE	Vinylidene chloride
cis-1,2-Dichloroethylene	156-59-2	cis-1,2-Dichloroethene	cis-1,2-DCE	
trans-1,2-Dichloroethylene	156-60-5	trans-1,2-Dichloroethene	trans-1,2-DCE	
Dichloroethylenes		Ethylenes, dichloro-	Dichloroethenes	
Dichloromethane	75-09-2	Methylene chloride		
2,3-Dichlorophenol	576-24-9			
2,4-Dichlorophenol	120-83-2			
2,5-Dichlorophenol	583-78-8			
2,6-Dichlorophenol	87-65-0	<u> </u>		
3,4-Dichlorophenol	95-77-2	L		
4-(2.4-Dichlorophenoxy)butyric acid	94-82-6	2,4-D butyric acid		
1,2-Dichloropropane	78-87-5	Propylene dichloride	component of D-D	minor component of Telone
Dichloropropanes	26638-19-7	Propanes, dichloro-		
1,3-Dichloropropene	542-75-6	1,3-Dichloropropylene	component of D-D	major component of Telone
Dichloropropenes		Propenes, dichloro-		
Dichlorvos	62-73-7	DOVP	Dichlorodimethylvinylphosphate	
Dieldrin	60-57-1			
Diesel Oil	68476-34-6	Fuel oil #2		a petroleum hydrocarbon
Diethanolamine	111-42-2	DEA		
Diethylamine	109-89-7			
Di(2-ethylhexyl) adipate	103-23-1			
Di(2-ethylhexyl)phthalate	117-81-7	Bis(2-ethylhexyl) phthalate	DEHP	A phthalate acid ester (PAE)
Diethyl ketone	96-22-0	3-Pentanone		
Diethyl phthalate	84-66-2	Bis-ethyl phthalate	A phthalate acid ester (PAE)	

ORGANIC	California Dont		Contaminant Lev	ornia & Federal) els (MCLs) nvironmental Protection A		California Public Health Goal (PHG) In Drinking Water (Office of Environmental	California Sta (Department of	Other Taste & Odor	
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Health Hazard Assessment)	Toxicity	Taste & Odor	Thresholds
	T IIIIary MOL	34CONDATY MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment	TOXICITY	12518 0 0001	1 11163110108
Diethylstilbestrol								<u></u>	<b></b>
Diethyl sulfate								<u> </u>	
Difenzoquat								<del> </del>	
Diflubenzuron	<del></del>							<u> </u>	
Diglycidyl resorcinol ether					<u></u>	<u> </u>			
Dihydrosafrole									1 (100)
Diisobutyl ketone									14 (126)
Diisopropylamine		<del> </del>							1300 (126)
Diisopropyl methyl phosphonate							·	ļ <u> </u>	<u> </u>
Dimethipin	<del></del>						<del></del>	<u> </u>	
Dimethoate								<del> </del>	<del></del>
3,3'-Dimethoxybenzidine		ļ			ļ			ļ	<del> </del>
3,3'-Dimethoxybenzidine									
Dimethrin						<del></del>			
Dimethylamine	<del> </del>			<del> </del>		<del>-     -   -   -   -   -</del>		<del>                                     </del>	290 (126)
4-Dimethytaminoazobenzene				<del></del>				<del> </del>	
[(Dimethylamino)methylimino]-5-[2-					· · · · · · · · · · · · · · · · · · ·				<del> </del>
(5-nitro-2-furyl)vinyl]-1,3,4-		j i							
N,N-Dimethylaniline				ļ		<del></del>		<del>                                     </del>	25 (126)
7,12-Dimethylbenz(a)anthracene		<del> </del>		<del> </del>	<del></del>	<del></del>	<del></del>	<del> </del>	20(120)
3,3'-Dimethylbenzidine		<del> </del>		<del> </del>	<del> </del>	<del></del>		<del> </del>	<del>                                     </del>
3,3'-Dimethylbenzidine				<del> </del>				<del>                                     </del>	
dihydrochloride									
Dimethylcarbamoyl chloride				<del> </del>		<del></del>		<del>                                     </del>	<del> </del>
N,N-Dimethylformamide		<del> </del>		<del> </del>	<del></del>	<del></del>		<del>                                     </del>	50,000 (126)
1,1-Dimethylhydrazine		<del> </del>	L		<del></del>	<del></del>		<del> </del>	30,000 (120)
1,2-Dimethylhydrazine		<del> </del>		<del> </del>	<del></del>	<del></del>	<del></del>	· <del></del>	
Dimethyl methyl phosphonate		<del></del>		<del></del>	<del></del>	+	<del></del>	<del>                                     </del>	<del> </del>
2,4-Dimethylphenol		_ A 22		<del> </del>	<del> </del>		100	<del></del>	<del> </del>
2,6-Dimethylphenol	<del></del>						100	<del> </del>	<del> </del>
3,4-Dimethylphenol		·		<del> </del>	<del>-</del>		<del></del>	<del></del>	
Dimethyl phthalate		<del> </del>	<u></u>	<del> </del>	<del></del>		<del></del>		
Dimethyl sulfate		<del> </del>		<del> </del>	<del></del>	<del></del>		<u> </u>	
Dimethyl terephthalate				<del> </del>	<del></del>	<del></del>			
Dimethylvinylchloride				<del> </del>	<del></del>	<del></del>		<del> </del>	1
1,3-Dinitrobenzene		†		<del> </del>	<del> </del>	<del></del>	······	<del> </del>	
4,6-Dinitro-o-cresol		<u> </u>		<del> </del>	<del> </del>	<del></del>		<del>                                     </del>	<u> </u>
4,6-Dinitro-o-cyclohexyl phenol				<del>                                     </del>	<del> </del>			<del> </del>	
2,4-Dinitrophenol		† · · · · · · · · · · · · · · · · · · ·		<del> </del>	<del> </del>	<del></del>	<del></del>	<del> </del>	<del>                                     </del>
Dinitrophenols		†		<del> </del>	<del></del>			<del> </del>	
1,6-Dinitropyrene		<del> </del>		<del> </del>	<del></del>	<del>-  </del>		<del> </del>	<del> </del>
1,8-Dinitropyrene		<del> </del>		<del> </del>	<del> </del>	<del></del>		<del> </del>	<del> </del>
2,4-Dinitrotoluene	·····	<del> </del>		<del> </del>		<del></del>		<del> </del>	<del> </del>
2,6-Dinitrotoluene		<del> </del>	<del> </del>	<del>                                     </del>		-		<del> </del>	<del> </del>
Dinitrotoluenes			<del></del>	<del> </del>	<del></del>	+		<del> </del>	<del>                                     </del>
Dinoseb	7	<del> </del>	7	<del> </del>	7	14		<del> </del>	<del> </del>
Di(n-octyl) phthalate		<del> </del>	<del> </del>	<del> </del>	· · · · · · · · · · · · · · · · · · ·	14	<del></del>	<del> </del>	<del> </del>
		<del> </del>		<del> </del>			3#	<del>                                     </del>	230,000 (126)
1,4-Dioxane		<del> </del>		<del> </del>	<del> </del>	<del></del>	200	<del>                                     </del>	230,000 [126]
Diphenamid(e)	···	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del></del>	200	<del>                                     </del>	<del> </del>
Diphenylamine		<del> </del>	L	<del> </del>	<del> </del>	<del>                                     </del>		<del>                                     </del>	<del> </del>
1,2-Diphenylhydrazine		<del></del> _	L	<u> </u>	<u> </u>			<u> </u>	L

	USEPA Integrated Risk Information	Drinking Water He Suggested No-Ad		Cand	One-in-a-Milli er Risk Estimate		Vater	California Proposition 65	
ORGANIC	System (IRIS) Reference Dose as a Drinking	Levels ( for toxicity other	SNARLs) than cancer risk National Academy	Cal/EPA Cancer Potency Factor as a Drinking	USEPA Integrated Risk information	USEPA Drinking Water Health Advisory	National Academy of Sciences (NAS) Drinking Water	Regulatory Level as a Orinking Water	Agricultural Water Quality
CONSTITUENT	Water Level (60)	USEPA	of Sciences (NAS)	Water Level (102)	System (IRIS)	or SNARL	and Health	Level (14)	Goals (78)
Diethylstilbestrol				0.0001				0.001#	
Diethyl sulfate							<u> </u>	0.35 # (68)	
Difenzoquat	560								
Diflubenzuron	140						<u> </u>		
Diglycidyl resorcinol ether				0.021				0.2 #	
Dihydrosafrole				0.8				10#	
Diisobutyl ketone							ļ		
Diisopropylamine					<del></del>				
Diisopropyl methyl phosphonate	560	600			(D)	(D)	ļ		<del></del>
Dimethipin	14				(C)				
Dimethoate	1,4								
3,3'-Dimethoxybenzidine			<del></del>		<del> </del>	<u></u>		0.05 # (68)	
3.3'-Dimethoxybenzidine				)			1		
hydrochloride								0.1 # (68)	
Dimethrin		2000			<del></del>	(D)			
Dimethylamine									
4-Dimethylaminoazobenzene				0.0076			ļ	0.1#	
[(Dimethylamino)methylimino]-5-[2-									
(5-nitro-2-furyl)vinyl]-1,3,4-				0.08				1#	<del></del>
N,N-Dimethylaniline	14		4						
7,12-Dimethylbenz(a)anthracene				0.00014				0.0015#	
3,3'-Dimethylbenzidine						ļ		0.0045 # (68)	
3.3'-Dimethylbenzidine	[						1		
díhydrochloride								0.005 # (68)	
Dimethylcarbamoyl chloride				0.0027			<del>      -     -   -  </del>	0.025 #	
N,N-Dimethylformamide									<u> </u>
1,1-Dimethylhydrazine								0.15 # (68)	
1,2-Dimethylhydrazine				0.000064				0.0005#	
Dimethyl methyl phosphonate		100			<u> </u>	7 (C)			
2,4-Dimethylphenol	140				<u> </u>				
2,6-Dimethylphenol	4								
3,4-Dimethylphenol	7								
Dimethyl phthalate					(D)	(D)		·	
Dimethyl sulfate					(B2)			0.025 # (68)	
Dimethyl terephthalate	700								
Dimethylvinylchloride				0.78	<u> </u>			10 #	
1,3-Dinitrobenzene	0.7	11			(D)	(D)		40 R (5,68)	
4,6-Dinitro-o-cresol			110 (11)				ļ		
4,6-Dinitro-o-cyclohexyl phenol	14								
2,4-Dinitrophenol	14		110 (11)						
Dinitrophenols			110			ļ	ļ		
1,6-Dinitropyrene				0.00029 (93)				0.01 # (68)	
1,8-Dinitropyrene			ļ	0.0029 (93)				0.005 # (68)	
2,4-Dinitrotoluene	14	500 (10-day)		0.11	0.05 (B2.65)	0.05 (B2,65)		1 #R	
2,6-Dinitrotoluene		400 (10-day)	<u> </u>		0.05 (B2,65)	0.05 (B2,65)	ļ	#R	
Dinitrotoluenes									
Dinoseb	7	7	39		(0)	(D)		R	
Di(n-octyl) phthalate									
1,4-Dioxane		400 (10-day)		1.3	3 (B2)	3 (82)		15#	
Diphenamid(e)	210	200				(O)			
Diphenylamine	180	200	l			(D)			
1,2-Diphenylhydrazine			L	0.04	0.05 (B2)			0.4 #	

	USEPA National Recommended Ambient Water Quality Criteria												
		Human Healt	h and Welfari		1 10 0 0 11	1	Fres	quatic Li	ife Protection				
		Health Effects		ancer Risk Estimate		R A		ed Criter			· · · · · · · · · · · · · · · · · · ·		
	Sources of	Other Waters	Sources of	Other Waters		Continuous	1	Maximum	· •	Toxi	icity inform	ation	
ORGANIC	Drinking Water	(aquatic organism		(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous		bserved Eff		
CONSTITUENT			(water+organisms)		or Welfare		24-hour Average		Maximum	Acute	Chronic	Other	
				,		( , uu)	1	1 1 1 1 1 1				1	
Diethylstilbestrol			<del> </del>									<b></b>	
Diethyl sulfate			<del> </del>					<u></u>					
Difenzoquat			<del> </del>										
Diflubenzuron			<del> </del>				}						
Diglycidyl resorcinol ether Dihydrosafrole			<del> </del>	<del> </del>							-	<del> </del>	
				<del></del>									
Diisobutyl ketone			<del> </del>			<del> </del>							
Diisopropylamine			<del></del> -				ļ					<del> </del>	
Diisopropyl methyl phosphonate Dimethipin			<del> </del>					<b> </b>	<del></del>			<del> </del>	
Dimethoate			<del> </del>	<del></del>	<del></del>		<del></del>					<del> </del>	
3,3'-Dimethoxybenzidine			<del> </del>		<del> </del>	<del></del>		<del> </del>				<del>                                     </del>	
			<del> </del>	<del></del>	<del> </del>		<del> </del>	<del>  </del>	-			<del>                                     </del>	
3,3'-Dimethoxybenzidine hydrochloride													
Dimethrin	<del> </del>		<del> </del>	<u> </u>	<del> </del>	}	<del>}</del>	1			<del>}</del>	<del> </del>	
Dimethylamine			<del> </del>	<del></del>		<del>                                     </del>	<del></del>		·			<del> </del>	
4-Dimethylaminoazobenzene	<del></del>	<del></del>	<del> </del>	<del></del>		<del> </del>	<del> </del>	<del> </del>				<del> </del>	
[(Dimethylamino)methylimino]-5-[2-			<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del></del>	<del> </del>				<del> </del>	
[(Dimethylamino)methylimino[-5-(2-    (5-nitro-2-furyl)vinyl]-1,3.4-	1	ļ	ì	<b>\</b>	1			1			1	1	
N,N-Dimethylaniline			<del> </del>					<del> </del>		<del></del>			
7,12-Dimethylbenz(a)anthracene		<del></del>	<del> </del>		<del></del>	<del> </del>		<del> </del>				<del> </del>	
3,3'-Dimethylbenzidine	· · · · · · · · · · · · · · · · · · ·	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<u> </u>						
3,3'-Dimethylbenzidine		<del></del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>				<b> </b>		
dihydrochloride	Į			{	ł .	}					1		
Dimethylcarbamoyl chloride	<del> </del>		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del></del>	<del> </del>	
N.N-Dimethylformamide			<del></del>	<del>                                     </del>	<del>                                     </del>	<del> </del>					1		
1,1-Dimethylhydrazine			<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>				<b></b>	
1,2-Dimethylhydrazine	<del></del>		<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>			1	<del>                                     </del>	
Dimethyl methyl phosphonate			<del>                                     </del>		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>				<del> </del>	
2,4-Dimethylphenol	540	ند -2300	<del> </del>		400	<del></del>		<del> </del>		2120		<del> </del>	
2,6-Dimethylphenol		2000-3	<del>                                     </del>	<del> </del>	1	†	·				t	<del> </del>	
3,4-Dimethylphenol		<del> </del> -	<del>                                     </del>		<del> </del>	†	<del> </del>	<del> </del>			<del> </del>	<del> </del>	
Dimethyl phthalate	313,000	2,900,000				<del></del>	<del></del>	<del> </del>		940 (45)	3 (45)		
Dimethyl sulfate	0.0,000	2,000,000	<del> </del>		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>		0.0(.0)	1	<del> </del>	
Dimethyl terephthalate			<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>		940 (45)	3 (45)		
Dimethylvinylchloride	<del>                                     </del>		T	<del>                                     </del>	<del> </del>	1	1	<u> </u>			1	1	
1,3-Dinitrobenzene			T	<del> </del>	<del> </del>	† <del></del>	<del> </del>				1	1	
4,6-Dinitro-o-cresol	13.4	765	T		<del> </del>	<del> </del>	<del> </del>	1		230 (88)		150 (38.88)	
4,6-Dinitro-o-cyclohexyl phenol	1711				<u> </u>	<del> </del>	<del>                                     </del>					1	
2.4-Dinitrophenol	70	14.000	T					†i		230 (88)	1	150 (38.88)	
Dinitrophenols	70	14,300		<del>                                     </del>	1					230 (88)	1	150 (38,88)	
1,6-Dinitropyrene		1,555	1	<del>                                     </del>			<del>                                     </del>				†	1	
1,8-Dinitropyrene		· · · · · · · · · · · · · · · · · · ·								<del></del>			
2.4-Dinitrotoluene	<b></b>	·	0.11	9.1	· · · · · · · · · · · · · · · · · · ·		<del>                                     </del>			330 (53)	230 (53)	1	
2.6-Dinitrotoluene	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del>                                     </del>				330 (53)	230 (53)		
Dinitrotoluenes	1			<del> </del>						330	230	1	
Dinoseb	†				1		<del>                                     </del>			<del></del>	1	1	
Di(n-octyl) phthalate	†	<del>                                     </del>	T-	<del> </del>	<del> </del>	1	<del> </del>			940 (45)	3 (45)		
1,4-Dioxane	<del></del>		T	<del> </del>		<del>                                     </del>					T		
Diphenamid(e)	<u> </u>	<del>                                     </del>	T	<del>                                     </del>	<del> </del>	<del> </del>							
Diphenylamine	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del>                                     </del>	†		<del>                                     </del>					
1,2-Diphenylhydrazine	<del>                                     </del>		0.040	0.54	<del>                                     </del>	<del> </del>	<u> </u>	<del> </del>		270		<del> </del>	

California Yoxics Rule Criteria (USEPA)											
			d Surface W			Enclosed Bays & Estuaries					
	Human Health (			er Aquatic Life F	rotection	Human Health		r Aquatic Life P	rotection		
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum			
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	instantaneous		
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum		
Diethylstilbestrol						T					
Diethyl sulfate						1					
Difenzoquat						1					
Diflubenzuron											
Diglycidyl resorcinol ether											
Dihydrosafrole											
Diisobutyl ketone											
Diisopropylamine											
Diisopropyl methyl phosphonate						<del> </del>					
Dimethipin						<u> </u>					
Dimethoate	ļ <u>.</u>										
3,3'-Dimethoxybenzidine	<b></b>			<u> </u>	<del></del>	4	<del>.</del>				
3,3'-Dimethoxybenzidine	ļ {			1		1		Į į			
hydrochloride						<del>                                     </del>					
Dimethrin						1					
Dimethylamine						<del> </del>					
4-Dimethylaminoazobenzene						<del> </del>		<u> </u>	<del></del>		
[(Dimethylamino)methylimino]-5-[2-											
(5-nitro-2-furyl)vinyl]-1,3,4-					<del></del>	<del> </del>			······································		
N,N-Dimethylaniline						<del> </del>					
7,12-Dimethylbenz(a)anthracene											
3,3'-Dimethytbenzidine	<del>                                     </del>					<del>  </del>					
3,3'-Dimethylbenzidine dihydrochloride	}				1						
Dimethylcarbamoyl chloride						<del> </del>					
N,N-Dimethylformamide	<del> </del>				<del></del>	+					
1,1-Dimethylhydrazine	<del> </del>					<del> </del>			······································		
1,2-Dimethylhydrazine	<del>                                     </del>					+					
Dimethyl methyl phosphonate						<del> </del>					
2.4-Dimethylphenol	540	-,2300				2300					
2.6-Dimethylphenol		- JEVV				1					
3,4-Dimethylphenol						<del></del>					
Dimethyl phthalate	313,000 (143)	2,900,000 (143)				2,900,000 (143)					
Dimethyl sulfate	1							· · · · · · · · · · · · · · · · · · ·			
Dimethyl terephthalate						1					
Dimethylvinylchloride			<del></del>			1					
1,3-Dinitrobenzene	<u> </u>					1			<del></del>		
4,6-Dinitro-o-cresol	13.4 (143)	765 (143)				765 (143)					
4,6-Dinitro-o-cyclohexyl phenol											
2,4-Dinitrophenol	70 (143)	14,000 (143)		·		14,000 (143)					
Dinitrophenols	/					1					
1,6-Dinitropyrene									<del></del>		
1,8-Dinitropyrene											
2.4-Dinitrotoluene	0.11 (113,143)	9.1 (113,143)				9.1 (113,143)					
2,6-Dinitrotoluene											
Dinitrotoluenes											
Dinoseb											
Di(n-octyl) phthalate											
1,4-Dioxane											
Diphenamid(e)											
Diphenylamine											
1,2-Diphenylhydrazine	0.040 (113,143)	0.54 (113,143)				0.54 (113,143)					

			ifornia				USEPA National Recommended Ambient Water Quality Criteria						
		merical	Water (	a u a lity	Objectiv	9 S	Saltwater Aquatic L Recommended Criteria				Protectio	<u>n</u>	
	Human Health (30-day Average)							commend		ria	_		
ORGANIC				uatic Life		T	Continuous		Maximum			lcity inform	
	aquatic organism	6-month	30-day	7-day	Daily	Instantaneous	Concentration	}	Concentration	Instantaneous		Observed E	
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
Diethylstilbestrol									1				I
Diethyl sulfate													
Difenzoquat					I								
Diffubenzuron	<u> </u>												
Diglycidyl resorcinol ether													
Dihydrosafrole													
Diisobutyl ketone	11												
Diisopropylamine													
Diisopropyl methyl phosphonale	<u> </u>												
Dimethipin													
Dimethoale													
3,3'-Dimethoxybenzidine													
3,3'-Dimethoxybenzidine													1
hydrochloride	<b>}</b>				ļ	ļ	ļ	<u> </u>					<del></del>
Dimethrin				<b></b>	<del></del> _	<del>                                     </del>	<u> </u>	<u> </u>					<del></del>
Dimethylamine	ļ			<u> </u>	<u> </u>	<u> </u>		1				<del></del>	·
4-Dimethylaminoazobenzene	<u> </u>					4		<u> </u>				<u> </u>	<u> </u>
[(Dimethylamino)methylimino]-5-[2-				1		1		ł				1	
(5-nitro-2-furyl)vinyl]-1,3,4-	<del> </del>			ļ	<del> </del>		ļ						<del> </del>
N,N-Dimethylaniline	ļ <u></u>				3	<del> </del>	<del> </del>	ļ					_
7,12-Dimethylbenz(a)anthracene											300 (52)		<del></del>
3,3'-Dimethylbenzidine							ļ						
3,3'-Dimethylbenzidine dihydrochloride										l			
Dimethylcarbamoyl chloride									-		··· , · · · · · · · · · · · · · · · · ·		
N,N-Dimethylformamide								T					
1,1-Dimethylhydrazine								T					T
1,2-Dimethylhydrazine		·		1		1	<del>                                     </del>						
Dimethyl methyl phosphonate	1			<del> </del>	<del> </del>	<del></del>	<del>                                     </del>						
2,4-Dimethylphenol		30 (86)		<b></b>	120 (86)	300 (86)	<del> </del>	<del> </del>					
2,6-Dimethylphenol				<u> </u>		1	<del> </del>						
3,4-Dimethylphenol	1			<del>}</del>	·	·	<u> </u>	<b>†</b>				<del></del>	
Dimethyl phthalate	820,000			·	<del> </del>	T	<del>                                     </del>		<del> </del>		. 2944 (45)		3.4 (38.45)
Dimethyl sulfate					<del> </del>	<del></del>			<del>                                     </del>			<del></del>	1
Dimethyl terephthalate					T		<del> </del>	1	1		2944 (45)		3.4 (38.45)
Dimethylvinylchloride					1		†	1	<del> </del>				T
1,3-Dinitrobenzene	1			T		1	1	<del> </del>	1	1		T	
4,6-Dinitro-o-cresol	220	30 (86)			120 (86)	300 (86)	<u> </u>	1			4850 (88)		
4,6-Dinitro-o-cyclohexyl phenol	T	30 (86)			120 (86)	300 (86)	<del> </del>	1	<del>                                     </del>				
2,4-Dinitrophenol	4.0	30 (86)		1	120 (86)	300 (86)	<del>                                     </del>	<del></del>	1		4850 (88)		
Dinitrophenols		30 (86)		1	120 (86)	300 (86)		T	<u>                                     </u>		4850 (88)		
1,6-Dinitropyrene	T			T		† <del></del>	1	T	1				
1,8-Dinitropyrene				T			1	1	1				
2,4-Dinitrotoluene	2.6#			Ţ	1		1	1			590 (53)	<del></del>	370 (53.82)
2,6-Dinitrotoluene					1	1	<del>                                     </del>	1	<del>                                     </del>		590 (53)		370 (53.82)
Dinitrotoluenes				† <del>-</del>			1	T	†		590		370 (82)
Dinoseb	T			<del>                                     </del>	1		<del> </del>	1	<del>   </del>			T	
Di(n-octyl) phthalate	1		<del></del>		1	T	1		1		2944 (45)		3.4 (38.45)
1,4-Dioxane			<u> </u>	1		T	1	7	1				1
Diphenamid(e)	1						1		<del>                                     </del>			1	T
Diphenylamine	1			T	1	<del></del>	<del> </del>	T	1				<del></del>
1,2-Diphenylhydrazine	0.16#			<del> </del>			+	<del></del>	+				

,		I		
	Chemical	į		
	Abstracts	[		
1	Service			
ORGANIC	Registry			
CONSTITUENT	Number		Cunanuma and Abbraulati	
CONSTITUENT	Rumber	<u> </u>	Synonyms and Abbreviation	) n s
Diethylstilbestrol	56-53-1	DES		
Diethyl sulfate	64-67-5			
Difenzoquat	43222-48-6	Avenge		
Diflubenzuron	35367-38-5			
Diglycidyl resorcinol ether	101-90-6	DGRE		
Dihydrosafrole	94-58-6	1,2-(Methylenedioxy)-4-propylbenzene	1,3-Benzodioxole	
Diisobutyl ketone	108-83-8	2,6-Dimethyl-4-heptanone		
Dilsopropylamine	108-18-9			
Diisopropyl methyl phosphonate	1445-75-6	DIMP		
Dimethipin	55290-64-7	Harvade		
Dimethoate	60-51-5	De-Fend	Cygon	Fosfamid
3,3'-Dimethoxybenzidine	119-90-4	o-Dianisidine		
3,3'-Dimethoxybenzidine				
hydrochloride	20325-40-0	o-Dianisidine dihydrochloride		
Dimethrin	70-38-2	2,4-Dimethylbenzylester	Chrysanthemumic acid	
Dimethylamine	124-40-3	DMA		<u> </u>
4-Dimethylaminoazobenzene	60-11-7	Methyl yellow	Butter yellow	
[(Dimethylamino)methylimino]-5-[2-				
(5-nitro-2-furyl)vinyl]-1,3,4-	55738-54-0			
N,N-Dimethylaniline	121-69-7			<u> </u>
7,12-Dimethylbenz(a)anthracene	57-97-6	DMBA		a polynuclear aromatic hydrocarbon
3,3'-Dimethylbenzidine	119-93-7	o-Tolidine		
3,3'-Dimethytbenzidine				
dihydrochloride	612-82-8	a-Talidine hydrochlaride		
Dimethylcarbamoyl chloride	79-44-7	Dimethylcarbamyl chloride		
N,N-Dimethylformamide	68-12-2	DMF		<u> </u>
1,1-Dimethylhydrazine	57-14-7	UDMH	unsymmetrical-Dimethylhydrazine	<u> </u>
1,2-Dimethythydrazine	540-73-8	symmetrical-Dimethylhydrazine		
Dimethyl methyl phosphonate		<u> </u>		<u> </u>
2,4-Dimethylphenol	105-67-9	asymmetrical-m-Xylenol	2,4-DMP	
2,6-Dimethylphenol	576-26-1	<u> </u>		
3,4-Dimethylphenol	95-65-8			
Dimethyl phthalate	131-11-3	Bis-methyl phthaiate	A phthalate acid ester (PAE)	<u> </u>
Dimethyl sulfate	77-78-1	<u> </u>		<u> </u>
Dimethyl terephthalate	120-61-6	DMT	Dimethyl p-phthalate	<u> </u>
Dimethylvinylchloride	513-37-1	1-Chloro-2-methylpropene	1-Chloroisobutene	<u> </u>
1,3-Dinitrobenzene	99-65-0	m-Dinitrobenzene		
4,6-Dinitro-o-cresol	534-52-1	2-Methyl-4,6-dinitrophenol	4,6-Dinitro-2-methylphenol	
4,6-Dinitro-o-cyclohexyl phenol	131-89-5	DNOHP		
2,4-Dinitrophenol	51-28-5			
Dinitrophenols	25550-58-7			
1,6-Dinitropyrene	42397-64-8			
1,8-Dinitropyrene	42397-65-9			
2,4-Dinitrotoluene	121-14-2			
2,6-Dinitrotoluene	606-20-2			
Dinitrotoluenes	25321-14-6	Toluenes, dinitro-		
Dinoseb	88-85-7	DNBP		
Di(n-octyl) phthalate	117-84-0	Bis-n-octyl phthalate	A phthalate acid ester (PAE)	
1,4-Dioxane	123-91-1	p-Dioxane	Diethylene ether	
Diphenamid(e)	957-51-7	Diphenamide		
Diphenylamine	122-39-4			
	122-66-7	Hydrazobenzene	· · · · · · · · · · · · · · · · · · ·	

ORGANIC		Maximum C	Contaminant Lev			California Public Health Goal (PHG) in Drinking Water (Office of Environmental	California St:	Other Taste & Odor	
		of Health Services		nvironmental Protection A		Health Hazard		f Health Services)	
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Diquat	20		20		20	15 (100)			
Direct Black 38									
Direct Blue 6									<u> </u>
Direct Brown 95									<u> </u>
Disperse Blue 1									
Disyston									
1,4-Dithiane									
Diuron		<u> </u>							
Dodine		l							<u> </u>
Endosulfan								<u> </u>	<del> </del>
Endosulfan sulfate		ļ							<del></del>
Endothal	100		100		100	580			<u> </u>
Endrin	2		2		2	1.8			<del></del>
Epichlorohydrin			(145)		zero				500 to 1000 / 3000 (125,126)
Estradiol 17B								1	
Ethane									7500 (126)
Ethanol									760,000 (126)
Ethanolamine									20,000,000 (126)
Ethephon				ž					
Ethion							4		
2-Ethoxyethanol									190,000 (126)
2-Ethoxyethyl acetate									5000 (126)
Ethyl acetate									2600 (126)
Ethyl acrylate									0.38 (126)
Ethylamine		L							4300 (126)
Ethyl n-amyl ketone				ļ					2500 (126)
Ethylbenzene	700 / 300 (100)	ļ	700	30 (100)	700	300			29 (26, 125)
Ethyl bromide		<u> </u>							46 (126)
Ethyl-4,4'-dichlorobenzilate		200							
S-Ethyl dipropylthiocarbamate								<u> </u>	
Ethylene		<del> </del> -		<del></del>				<del></del>	39 (126)
Ethylenediamine		<del>                                     </del>		<del> </del>				<u> </u>	16,000,000 (126)
Ethylene glycol		<del> </del>		<del> </del>				<del></del>	<del></del>
Ethylene glycol monobutyl ether Ethyleneimine				<del> </del>	<u> </u>	<del></del>		<del></del>	170,000 (126)
Ethylene mine Ethylene oxide (ETO)		<del> </del>		<del>                                     </del>	<del></del>				140,000 (126)
Ethylene oxide (ETU)		<del> </del>		<del> </del>				<del></del>	140,000 (128)
Ethylehe inlourea (£10)				<del> </del>	<del></del>	<del></del>		+	750 (126)
Ethyl formate		<del> </del>		<del> </del>		<del></del>		<del></del>	11,000 (126)
Ethyl mercaptan	··.,	<del> </del>		<del> </del>		<del></del>		<del></del>	0.0075 (126)
Ethyl p-nitrophenyl	<del></del>	<del> </del>		<del> </del>		1		<del> </del>	0.007.5 (120)
phenylphosphorothioate									
Ethylphthalyl ethylglycolate				<u> </u>				<u> </u>	
Express		ļ <u></u> .		<del> </del>				J	<del></del>
Fenamiphos	·			<del></del>	L			<del></del>	
Ferbam		<del> </del>		ļ				<del></del>	
Fluometuron		<b> </b>		<del> </del>				<del></del>	<del></del>
Fluoranthene		-		<del>}</del>	<del></del>			<del></del>	
Fluorene				<del> </del>	<u> </u>				<del> </del>
Fluridone		<del> </del>		<del> </del>				<del></del>	<del> </del>
Flurprimidol		<u> </u>		<u> </u>	<del></del>	_ <del> </del>		4	<del></del>

	USEPA Integrated Risk Information		ealth Advisories or dverse-Response	Cano	One-in-a-Milli er Risk Estimate	Nator .	California Proposition 65		
ORGANIC CONSTITUENT	System (IRIS) Reference Dose as a Drinking Water Level (60)	Levels	(SNARLs) r than cancer risk National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS) Drinking Water and Health	Regulatory Level as a Drinking Water Level (14)	Agricultural Water Quality Goals (78)
		USEF A	Or Sciences (IEAS)		System (IKIS)		and negativ		000.0 (1.07
Diquat	16		<u></u>			(D)			
Direct Black 38				0.0047 (65)	<del></del>			0.045 # (65)	
Direct Blue 6		<del></del>		0.0047 (65)			<del> </del>	0.045 # (65)	
Direct Brown 95		·		0.0052 (65)				0.05 # (65)	
Disperse Blue 1				7.8 (65)			<u> </u>	100 #	
Disyston	0.3	0.3	0.7			(E)	<del>  </del>		
1,4-Dithiane	70	80			(D)	(D)			
Diuron	14	10				(D)	<del>                                     </del>		
Dodine	28		<u> </u>						
Endosulfan	- 42				. <del></del>				
Endosulfan sulfate	ļ <u>.</u>		<del> </del>				<del> </del>		
Endothal	140	100				(D)	ļ		
Endrin	2	2	<del> </del>		(D)	(D)	<del> </del>	#R	
Epichlorohydrin		100 (10-day)	530 (7-day)	0.44	3 (B2)	4 (B2)		4.5 #R	
Estradiol 17B				0.0009				0.01#	
Ethane									
Ethanol									
Ethanolamine									
Ethephon	35		4						
Ethion	3.5								
2-Ethoxyethanol								R	
2-Ethoxyethyl acetate								R	
Ethyl acetale	6300								
Ethyl acrylate								#	
Ethylamine								<u> </u>	
Ethyl n-amyl ketone									
Ethylbenzene	700	700			(D)	(D)			
Ethyl bromide									
Ethyl-4,4'-dichlorobenzilate	140			0.32				3.5 #	
S-Ethyl dipropylthiocarbamate	180								
Ethylene									
Ethylenediamine							1		
Ethylene glycol	14,000	14,000				(D)			
Ethylene glycol monobutyl ether	350				(C)		1		
Ethyleneimine				0.00054				0.005 #	
Ethylene oxide (ETO)				0.11				1 / 10 #R (5)	
Ethylene thiourea (ETU)	0.6	300 (10-day)		0.78		0.2 (B2)	0.23	10 / 3 #R (68)	
Ethyl ether	1400								
Ethyl formate							1		
Ethyl mercaptan	1								
Ethyl p-nitrophenyl		· · · · · · · · · · · · · · · · · · ·	T	[			1	·	
phenylphosphorothioate	0.07								;
Ethylphthalyl ethylglycolate	21,000								
Express	56								
Fenamiphos	1.8	2				(D)			
Ferbam			87.5						
Fluometuron	91	90				(D)			
Fluoranthene	280				(D)				
Fluorene	280				(D)	(D)	T		
Fluridone	560	<del></del>				<u> </u>	1		
Flurprimidol	140								<del></del>

	7		USEP	A Nationa	I Recom	manded	Amblent	Water Qua	ility Crit	eria			
		Human Health				ommended Ambient Water Quality Criteria Freshwater Aquatic Life Protection							
	Non-Cancer I	Health Effects	One-in-a-Million Ca	ancer Risk Estimate		Re	commend	ed Criter	ia				
	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum			lcity inform		
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration		Concentration	instantaneous		bserved Ef		
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other	
Diquat									0.5 (54)				
Direct Black 38													
Direct Blue 6												<u> </u>	
Direct Brown 95												<u> </u>	
Disperse Blue 1				<u> </u>	<u></u>							ļ	
Disyston							<u> </u>		0.05 (54)				
1,4-Dithiane	<u> </u>			<u> </u>								<del></del>	
Diuron	<u> </u>										<u> </u>	<u> </u>	
Dodine				ļ		ļ						<del> </del>	
Endosulfan	110 (115)	240 (115)		<u> </u>	\	0.056 (114,115)			0.22 (115)				
Endosulfan sulfate	110	240				ļ	0.056 (104)					<u> </u>	
Endothal	<del> </del>		ļ		ļ		ļ				<del></del>	+	
Endrin	0.76 (18)	0.81 (18)		<del></del>		0.036,139	-	0.086			<del></del>	<del> </del>	
Estate at a				1		1	•					1	
Epichlorohydrin	<del></del>			<del></del>	<del> </del>	1	<del> </del>		<del> </del>	<del></del>	<del> </del>	<del> </del>	
Estradiol 17B	+		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<u> </u>		<del> </del>	+	
Ethane	<del></del>			<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>			<del> </del>	<del> </del>	
Ethanol	<del></del>		<del> </del>	<del> </del>	<del></del>	<del></del>	<del> </del>	<del> </del>			ļ	<del> </del>	
Ethanolamine			<del></del>		<del></del>	<del></del>	<del> </del>	<del> </del>			<del> </del>	<del></del>	
Ethephon			<del></del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	0.02 (54)		<del> </del>	<del></del>	
Ethion	<del></del>			<del></del>		<del> </del>	<del> </del>	<del> </del>	0.02 (54)		<del> </del>		
2-Ethoxyethanol	<del></del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>		<del> </del>	<del>                                     </del>	
2-Ethoxyethyl acetate Ethyl acetate	+				<del> </del>	<del> </del>					<del> </del>	<del> </del>	
Ethyl acrylate	<del></del>			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	+	
Ethylamine	<del></del>	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>	<del> </del>	<del> </del>	
Ethyl n-amyl ketone	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	ļ		<del></del>		
Ethylbenzene	3100	29,000	<del> </del>	<del> </del>	† <del></del>	† <del></del>	<del> </del>	<del> </del>		32.000			
Ethyl bromide	3100	23,000		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		32.000			
Ethyl-4,4'-dichlorobenzilate	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del>}</del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>		
S-Ethyl dipropylthiocarbamate	<del></del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del>                                     </del>			<del></del>	<del> </del>	
Ethylene	<del>†</del>		<del> </del>		<del> </del>	<del> </del>	<del>                                     </del>				-		
Ethylenediamine	<del></del>		<del> </del>		<del> </del>		<del> </del>	<u> </u>	<del></del>				
Ethylene glycol	<del></del>	<del></del>					<del> </del>	<del></del>				1	
Ethylene glycol monobutyl ether				· · · · · · · · · · · · · · · · · · ·	<del> </del>	<del> </del>							
Ethyleneimine	<del></del>	<del> </del>		<del> </del>	†— <del>-</del>	<u> </u>	<del> </del>	†					
Ethylene oxide (ETO)		†	<del> </del>	<del></del>	<del></del>	<del> </del>		<del> </del>					
Ethylene thiourea (ETU)	1				† <del></del>	Ť	<del> </del>						
Ethyl ether											I		
Ethyl formate					1								
Ethyl mercaptan	1		l										
Ethyl p-nitrophenyl	1	<u> </u>	[		1			1					
phenylphosphorothicate		ĺ	l			ĺ	ļ		ļ	ļ			
Ethylphthalyl ethylglycolate	86,000 (68)	5,080,000 (68)					1			940 (45)	3 (45)		
Express													
Fenamiphos	I						Ĭ						
Ferbam													
Fluometuron	1		1										
Fluoranthene	300	370								3980			
Fluorene	1300	14,000											
Fluridone													
Flurprimidol			1							L	<u></u>		

		California Toxics Rule Criteria (USEPA)											
	<b></b>		d Surface W					s & Estuari					
		30-day Average)		er Aquatic Life F	rotection	Human Health		r Aquatic Life P	rotection				
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum					
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	instantaneous	aquatic organism	Concentration	Concentration	Instantaneous				
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum				
Diquat	- <del> </del>					<del> </del>							
Direct Black 38													
Direct Blue 6						<u> </u>							
Direct Brown 95						<u> </u>							
Disperse Blue 1								l <u></u>					
Disyston						1							
1,4-Dithiane		l											
Diuron													
Dodine													
Endosulfan	110 (115)	240 (115)	0.056 (114,115)		0.22 (115)	240 (115)	0.0087 (114,115)		0.034 (115)				
Endosulfan sulfate	110	240				240							
Endothal	1					<del> </del>							
Endrin	0.76 (18)	0.81 (18)	0.036	0.086		0.81 (18)	0.0023 (114)		0.037				
	1	3.5. 1.5,				1 - 5.5 . (1.5)	3.3323 (1.1.7)						
Epichlorohydrin	1					}			1				
Estradiol 17B	+	<del></del>				<del> </del>	<del></del>	<del> </del>					
Ethane	<del>- </del>												
	+				<del></del>	<del></del>							
Ethanol	<del></del>					<del> </del>	- <del></del>						
Ethanolamine	<del></del>					<u> </u>							
Ethephon	<del></del>												
Ethion													
2-Ethoxyethanol	<del></del>												
2-Elhoxyelhyl acetate	<u> </u>				L								
Ethyl acetate													
Ethyl acrylate													
Ethylamine													
Ethyl n-amyl ketone													
Ethylbenzene	3100 (143)	29,000 (143)				29,000 (143)							
Ethyl bromide						T							
Ethyl-4,4'-dichlorobenzilate	1	1.4						·					
S-Ethyl dipropylthiocarbamate					<del></del>				··-				
Ethylene				<del></del>		<del>                                     </del>			<del></del>				
Ethylenediamine	+					<del> </del>							
	<del>                                     </del>	<del> </del>			· · · · · · · · · · · · · · · · · · ·	+							
Ethylene glycol						<del> </del>	<del></del>						
Ethylene glycol monobutyl ether		<del> </del>		<del> </del>	<del></del>	<del> </del>							
Ethyleneimine	<del></del>					<del></del>							
Ethylene oxide (ETO)	<del></del>	<u> </u>				·							
Ethylene thiourea (ETU)	<del>                                     </del>	ļ				ļ	<u></u> _						
Ethyl ether						<u> </u>							
Ethyl formate						<u> </u>							
Ethyl mercaptan						<u> </u>							
Ethyl p-nitrophenyl		_ [		Į į									
phenylphosphorothicate						<u> </u>							
Ethylphthalyl ethylglycolate													
Express													
Fenamiphos						T							
Ferbarn	1		··										
Fluometuron						<del>                                     </del>							
Fluoranthene	300	370				370							
Fluorene	1300	14,000	<del></del>			14,000							
	1300	14,000				14,000			<del></del>				
Fluridone		<del></del>				<del> </del>							
Flurprimidol		·		L		.l							

	N	California Ocean Plan Numericai Water Quality Objectives						USEPA National Recommended Ambient Water Quality Criteria Saltwater Aquatic Life Protection						
1		merical	water C	auality (	o jectiv	0 \$	<del> </del>				Protection			
	Human Health (30-day Average)		Marine Aq	uatic Life	Protection		Continuous	commend	ed Crite Maximum	ria	Toxi	Toxicity Information		
ORGANIC	aquatic organism	6-month	30-day	7-day	Daily	Instantaneous	Concentration		Concentration	instantaneous	(Lowest C	bserved Ef	fect Level)	
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum		24-hour Average		Maximum	Acute	Chronic	Other	
	<del></del>						7						<del></del>	
Diquat	<del></del>						ļ		ļ			ļ		
Direct Black 38	<del>- </del>		ļ <u>.</u>	ļ	<b> </b>	<del> </del>	<del></del>	ļ				<del></del>	<del> </del>	
Direct Blue 6	<del> </del>				ļ	<u> </u>	·	<u> </u>						
Direct Brown 95	<del> </del>	·		<u> </u>		<del> </del>						ļ		
Disperse Blue 1	<del></del>		ļ		<u> </u>	1	1					<u> </u>		
Disyston							ļ <u></u>					ļ		
1,4-Dithiane			ļ				ļ					<u> </u>		
Diuron			<u> </u>				<u> </u>	1			<u> </u>			
Dodine	1				<u> </u>						<u> </u>	<u> </u>		
Endosulfan		0.009 (42)			0.018 (42)	0.027 (42)	0.0087 (114,115)		L	0.034 (115)		<u> </u>		
Endosulfan sulfate		0.009 (42)		<u> </u>	0.018 (42)	0.027 (42)		0.0087 (104)					<u> </u>	
Endothal				-										
Endrin		0.002			0.004	0.006	0.0023 (114)			0.037				
													1	
Epichlorohydrin			1			1							l	
Estradiol 17B				i	T		1	<del> </del>			1			
Ethane							· · · · · · · · · · · · · · · · · · ·	<del> </del>	<del></del>			<del>                                     </del>	<u> </u>	
Ethanol	<del> </del>					<del> </del>		<del></del>	<del> </del>			†	<u> </u>	
Ethanolamine	<del> </del>						<del> </del>	<del></del>	<del> </del>		<del></del>	<del> </del>	<del></del>	
Ethephon	· <del> </del>	<del></del>	<del> </del>	·	<del></del>	<del> </del>	+	<del></del>	<del> </del>	<del></del>	<del></del>	<del> </del>		
Ethion	<del> </del>		<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del></del>	<del> </del>	
2-Ethoxyethanol	<del> </del>		<del> </del>		<del> </del>	<del> </del>	<del></del>	ļ	<del> </del>		<del> </del>		<del> </del>	
2-Ethoxyethyl acetate	<del> </del>		<del> </del>	<del></del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del>                                     </del>	
	<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del> -		ļ		<del></del>	<del> </del>	<del></del>	<del> </del>	
Ethyl acetate	<del> </del>		<del></del>		<del></del>	<del> </del>	<del> </del>	ļ	<del> </del>			<del> </del>	<del> </del>	
Ethyl acrylate	<del> </del>				<del> </del>	<del>                                     </del>	<del></del>	<del></del>			<del> </del>	<del></del>	<del> </del>	
Ethylamine	<del>   </del> -		<del></del>	<del> </del>		<del>                                     </del>	<del> </del>	ļ				<del> </del>	+	
Ethyl n-amyl ketone			ļ <del></del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<u> </u>			<u> </u>			
Ethylbenzene	4100		<u> </u>	ļ <u></u>	ļ <u>.</u>	<del> </del>	<u> </u>	ļ	<u> </u>		430	<del></del>	<del> </del>	
Ethyl bromide		<i>*</i>	<u> </u>		<del> </del>		<u> </u>				<b></b>	ļ	·	
Ethyl-4,4'-dichlorobenzilate			4:									ļ	ļ	
S-Ethyl dipropylthiocarbamate	<u> </u>		<u> </u>			<del> </del>			<u></u>		<u> </u>			
Ethylene				<u> </u>	<u> </u>	<u> </u>		L	L		<u> </u>			
Ethylenediamine				L							٠.	1		
Ethylene glycol												<u> </u>		
Ethylene glycol monobutyl ether														
Ethyleneimine														
Ethylene oxide (ETO)									Ţ					
Ethylene thiourea (ETU)	1	_ ''	1		1		1	1	1					
Ethyl ether	1	<del></del>	T	<u> </u>	T	T	1		<del> </del>			1		
Ethyl formate	<del>                                     </del>		t	t	1		<b>†</b>	1			<del> </del>	<del>                                     </del>	1	
Ethyl mercaptan	1		<del> </del>		1	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>		†	<del> </del>	<del>                                     </del>	
Ethyl p-nitrophenyl			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>		
phenylphosphorothicate			Į.		1	1		Ì	Į					
	<del>                                     </del>		<del> </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		2944 (45)	<del> </del>	3.4 (38.45)	
Ethylphthalyl ethylglycolate	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	+	<del> </del>	<del> </del>	<del> </del>	<del> </del>	2944 (43)	<del></del>	3.4 (30.43)	
Express			<del> </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>	
Fenamiphos	1	···			<del>                                     </del>	<del> </del>	<del> </del>	ļ	<del> </del>		<del> </del>	<del> </del>	<del> </del>	
Ferbam			ļ		<del></del>	<del> </del>	<del> </del>					<del> </del>		
Fluometuron	<del>                                     </del>				ļ	<del> </del>	<del> </del>				ļ		<del> </del>	
Fluoranthene	15		l	<u> </u>	1	1	<u> </u>		<u></u>		40	16	<del></del>	
Fluorene	0.0088 # (33)		1	<u> </u>		J	1		L		300 (52)	1	<u> </u>	
Fluridone												<u> </u>	1	
Flurprimidol			l								<u> </u>	1	1	

				<del></del>
	Chemical			
	Abstracts			
	Service			
ORGANIC	Registry			
CONSTITUENT	Number	İ	Synonyms and Abbrevi	ations
CONSTITUENT		<u> </u>		4 ( 1 0 11 5
Diquat	85-00-7	Aquacide	Regione	
Direct Black 38	1937-37-7	2-Naphthalenesulfonic acid		
Direct Blue 6	2602-46-2	Diazine blue		
Direct Brown 95	16071-86-6			
Disperse Blue 1	2475-45-8	1,4,5,8-Tetraminoanthraquinone		
Disyston	298-04-4	Disulfoton	Ethylthiodemeton	
1,4-Dithiane	505-29-3			
Diuron	330-54-1	Crisuron	Dialon	Karmex
Dodine	2439103	Dodecylguanidine acetate		
Endosulfan	115-29-7	Endosulfan I (alpha)	Endosulfan II (bela)	Thiodan .
Endosulfan sulfate	1031-07-8			
Endothal	145-73-3	Endothall		
Endrin	72-20-8	Endrex	Hexadrin	
Epichlorohydrin	106-89-8	Chloropropylene	1-Chloro-2,3-epoxypropane	
Estradiol 17B	50-28-2	Altrad	Baridol	Femogen
Ethane	74-84-0			
Ethanol	64-17-5	Ethyl alcohol		
Ethanolamine	141-43-5	2-Aminoethanol	MEA	Monoethanolamine
Ethephon	16672-87-0	2-Chloroethylphosphonic acid	· ·	
Ethion	563-12-2	Diethion		
2-Ethoxyethanol	110-80-5	Ethylene glycol monoethyl ether		
2-Ethoxyethyl acetate	111-15-9	Ethylene glycol monoethyl ether acetate		
Ethyl acetate	141-78-6			
Ethyl acrylate	140-88-5			
Ethylamine	75-04-7	Aminoethane		
Ethyl n-amyl ketone	106-68-3	EAK	5-Methyl-3-heptanone	
Ethylbenzene	100-41-4	Phenylethane		
Ethyl bromide	74-96-4	Bromoethane		
Ethyl-4,4'-dichlorobenzitate	510-15-6	Chlorobenzilate*		
S-Ethyl dipropylthiocarbamate	759-94-4	EPTC	Eptam	
Ethylene	74-85-1			
Ethylenediamine	107-15-3	1,2-Diaminoethane		
Ethylene glycol	107-21-1	1,2-Ethane diol		——————————————————————————————————————
Ethylene glycol monobutyl ether	111-76-2	2-Butoxy ethanol	Ethylene glycol butyl ether	EGBE
Ethyleneimine	151-56-4	Aziridine	2.170.10 37,00.007	
Ethylene oxide (ETO)	75-21-8	ETO	Epoxyethane	Oxirane
Ethylene thiourea (ETU)	96-45-7	ETU	Срохувалино	Oxidire
Ethyl ether	60-29-7			<del></del>
Ethyl formate	109-94-4			
	75-08-1	Ethanethiol		
Ethyl mercaptan	13-08-1	Enguetino		
Ethyl p-nitrophenyl phenylphosphorothioate	2104-64-5	EPN		
	84-72-0	EPEG	Ethyl carbethoxymethyl phthalate	A phthalate acid ester (PAE)
Ethylphthalyi ethylglycolate	101200-48-0	IN L5300	Emili carpanity humanara	Desirange and ester (LVC)
Express	22224-92-6	Nemacur	Phenamiphos	
Fenamiphos		<del></del>	r nenamprios	<del></del>
Ferbam	14484-64-1	Fermate	Cattanan	<del></del>
Fluometuron	2164-17-2	Cotoron	Cottonex	Lanex
Fluoranthene	206-44-0	<del> </del>		a polynuclear aromatic hydrocarbon
Fluorene	86-73-7	<del> </del>		a polynuclear aromatic hydrocarbon
Flundone	59756-60-4	Sonar		
Flurprimidol	56425-91-3	Cutlass		

		Maximum	Standards (Calif Contaminant Lev	els_(MCLs)		California Public Health Goal (PHG) in Drinking Water (Office of Environmental	California Stal	Other Taste & Odor	
ORGANIC	California Dept	. of Health Services	U.S. E	nvironmental Protection	Agency Health Hazard		(Department of	Health Services)	Taste & Odor
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Flutolanil	<del></del>	<del></del>			7			<del></del>	Ţ
Fluvalinate					<del> </del>	<del></del>		<del> </del>	<del> </del>
Foaming agents (MBAS)		500		500	<del> </del>			<del> </del>	<del> </del>
Folpet		300		300	<u> </u>			<del> </del>	<del> </del>
Fornesafen					<del> </del>	<del></del>		<del> </del>	<del></del>
onofos		<del></del>				<del></del>		<del> </del>	<del> </del>
Formaldehyde				<del> </del>	<del> </del>		100	<del> </del>	600 (126)
Formic acid					<del> </del>	<del></del>	100		1,700,000 (126)
2-(2-Formylhydrazino)-4-(5-nitro-2- furyl)thiazole									1,700,000 (128)
Fosetyl-al		<del>- </del>		<del> </del>		- <del>  </del>		† <del></del>	
Furan		<del> </del>			<del> </del>	<del>-  </del>			1
Furfural	<del> </del>	<del></del>			<del>                                     </del>	- <del> </del>		<del> </del>	3500 (126)
Furmecyclox		<del>                                     </del>						† <del></del>	T
Gasoline		1		<del> </del>	<del> </del>				5 (55)
Glufosinate-ammonium		<del></del>		<del>                                     </del>	<del>                                     </del>	<del></del>			<del></del>
Glu-P-1		<del>                                     </del>		<del>                                     </del>	<del></del>	+			<del> </del>
Glu-P-2		<del></del>		· · · · · · · · · · · · · · · · · · ·	<del> </del>	<del></del>		<del> </del>	<del> </del>
Glycidaldehyde		<del>-  </del>	<del></del>	<del> </del>	<del></del>	<del></del>	······	<del> </del>	
Glycidol		<del></del>			<del> </del>	- <del></del>		· <del> </del>	<del> </del>
Glyphosale	700	<del></del>	700	<del></del>	700	1000	<del></del>	<del></del>	<del> </del>
Griseofluvin			700	<del></del>	1	1000		· · · · · · · · · · · · · · · · · · ·	<del> </del>
Gyromitrin		+		<del> </del>	<del> </del>	<del></del>		<del> </del>	<del> </del>
Haloethers					<del> </del>			<del></del>	<del> </del>
Halomethanes		<del>- </del>	100 / 80 (19,100)	<del> </del>	<del> </del>	<del></del>		<del> </del>	<del> </del>
Halothane		<del>-  </del>	100 / 80 (19,100)	<del> </del>	<del></del>				290 (126)
Haloxyfop-methyl				<del> </del>	<del> </del>			<del> </del>	230 (120)
Harmony				<del> </del>	<del> </del>			ļ	<del> </del>
HC Blue 1				<del> </del>	<del></del>		<del></del>	<del></del>	<del></del>
		<del></del>		<del> </del>	<del> </del>				<del> </del>
Heptachlor	0.01	<del> </del>	0.4	<del></del>	zero	0.008		<del> </del>	<del> </del>
Heptachlor epoxide	0.01	<del>- </del>	0.2	<del> </del>	zero	0.006		<del></del>	7.2 (125)
Heptane		<del></del>	<del></del>	ļ	ļ			<del> </del>	7.3 (126)
Hexabromobenzene		<del></del>	<del></del>	<del> </del>		<del></del>		<u> </u>	<del></del>
Hexachlorobenzene  Hexachlorobutadiene	11		1		zero		<del></del>		
Hexachlorocyclopentadiene	50	+	50	8 (100)	50	50		<del> </del>	7.7 (126)
Hexachlorodibenzo-p-dioxin		<del></del>		0 (100)	30	30		<del> </del>	1.1 (120)
Hexachloroethane	<del></del>	<del></del>	<del></del>	<del> </del>	<del> </del>	<del></del>		<del></del>	10 (126)
Hexachlorophene		<del></del>	<del></del>	<del> </del>	<del> </del>	+		<del> </del>	10 (120)
Hexamethylphosphoramide		1		<del> </del>	<del> </del>			<del> </del>	<del></del>
n-Hexane		<del></del>	<del></del>	<del>                                     </del>	<del> </del>			+	6.4 (126)
Hexazinone		+		<del> </del>	<del> </del>			<del> </del>	0.41120
HMX		<del></del>	<del></del>	<del> </del>	<del> </del>			+	<del> </del>
Imazalil		<del></del>		<del> </del>	<del> </del>			<del> </del>	<del></del>
		+		<del> </del>	<del> </del>	<del></del>		<del> </del>	<del> </del>
lmazaquin	<del></del>		<del></del>	<del> </del>	<del> </del>	+	<del></del>	+	0.26 (126)
Indene		<del></del>		<del> </del>	<del> </del>			+	0.20 (120)
Indeno(1,2,3-c,d)pyrene	<del></del>	<del></del>	<del></del>	<del> </del>	<del> </del>	+		<del></del>	11 (126)
lodoform		<del></del>	<del></del>	<del> </del>	<del> </del>	-+		<del> </del>	11(120)
Iprodione		<del></del>	<del></del>	<del> </del>	<del> </del>	<del></del>		<del> </del>	<del></del>
IQ		<del></del>		<del></del>	<del> </del>	<del></del>		<del> </del>	17 (100)
Isoamyl acetate				L				_L	17 (126)

Part   Part		USEPA Integrated Risk Information		lealth Advisories or Adverse-Response	Cand	One-in-a-Millio	Water	California Proposition 65		
Procession   400   70	ORGANIC CONSTITUENT	System (IRIS) Reference Dose as a Drinking	Levels for toxicity other	(SNARLs) or than cancer risk National Academy	Cal/EPA Cancer Potency Factor as a Drinking	USEPA Integrated Risk Information	USEPA Drinking Water Health Advisory	National Academy of Sciences (NAS) Drinking Water	Regulatory Level as a Drinking Water	Water Quality
Figure   10				T						
Fearning speak (MAS)			<u></u>	<del></del>				<del> </del>		<del></del>
Friedle   1120				<del> </del>				<del>   </del>		
Tomostering				1120		0.1/93)		<del>                                     </del>	100 #	
Frontischerick 14 100   (81,19)				1120			· · · · · · · · · · · · · · · · · · ·	<del> </del>	100#	
Formsteidyde Forms and For				<del> </del>		0.2 (C)	(5)	<del> </del>		
Forms and add Act of Company and						(21.110)		<del> </del>	20 # (124)	
Comparation   Comparation		1400	1000 (68)			(81,119)	(81,119)	<del> </del>	20#(124)	
Ling   Ling				<del></del>				<del> </del>		
Foreign					0.015			1	0.15#	
Further 7		2100		<del> </del>	0.013	(C)		<del>                                     </del>	0.13#	
Further   21				<del> </del>		•(0)		<del></del>	#	
Furmecyclos Scalosine Strong, 12 (162) Scalosine Strong, 13 (100,197) Supplication of the strong of			<del></del>	<del> </del>		<del></del>		<del> </del>	<del></del>	
Gasoline		41	<del></del>	<del> </del>	12	1 (P2)		<del> </del>	10 #	
Gilipania summonium   3			6 (100 107)		1.4	1 (62)			10#	
City-1			3 (100,107)	<del> </del>				<del> </del>	· · · · · · · · · · · · · · · · · · ·	
Comparagraphy   Comparagraph				<del> </del>	0.0072			<del> </del>	0.05 #	
Chyclade   Cap				<del> </del>				<del>  </del>		
Chycloid		3.8	<del></del>	<del> </del>	0.023	(P2)		<del>                                     </del>		
Chyphosale   700		2.0	<del></del>	<del>                                     </del>		(62)	<del></del>			
Criseofluvin   Crysmith   Crysm		700	700	*				<del>                                     </del>	0.2 # (98)	
Syrominn		700	700	<del> </del>		(0)	(0)	<del> </del>	25 # (50)	<del></del>
Malocharis   Mal					0.0025			<del> </del>		
Halonshanes					0.0035		<del></del>	<del> </del>	0.035#	
Halolande			<del> </del>	· <del> </del>	<del> </del>			<del>  </del>		
Hallocyfop-methyl   0.35			ļ	<del></del>				<del> </del>		
Harmony				<del> </del>				<del> </del>	R	
HC Blue 1 Heptachior   19 (10-day)   0.085   0.008 (B2)   0.0012   0.1 HR   Heptachior   10 (24-hy)   0.085   0.008 (B2)   0.004 (B2)   0.004 (B2)   Heptachior   10 (24-hy)   0.064   0.004 (B2)   0.004 (B2)   0.004 (B2)   Heptachior   14   0.064   0.004 (B2)   0.004 (B2)   0.004 (B2)   Hexachlorobenzene   14   0.064   0.004 (B2)   0.004 (B2)   0.007   Hexachlorobenzene   14   0.064   0.004 (B2)   0.004 (B2)   0.007   Hexachlorobenzene   14   0.064   0.004 (B2)   0.007   0.007   Hexachlorobenzene   14   0.064   0.007   0.007   0.007   Hexachlorobenzene   14   0.064   0.007   0.007   0.007   Hexachlorobenzene   49 / 42 (B8)   0.007   0.007   0.007   Hexachlorobenzene   49 / 42 (B8)   0.007   0.0007   0.007   Hexachlorobenzene   0.7   1   0.000011 (120)   0.000008 (B2)   0.007   0.0001   Hexachlorobenzene   2   7   0.00001   0.000008 (B2)   0.00001   Hexachlorobenzene   2   7   0.00001   0.000008 (B2)   0.00001   0.00001   Hexachlorobenzene   2   7   0.00001   0.000008 (B2)   0.00001				<del> </del>				<del> </del>		
Heptachtor   10 (10-day)   0.085   0.008 (82)   0.004 (82)   0.0012   0.1 #R		91						<del>                                     </del>		
Heptanior epoxide   10 (24-hr)   0.0064   0.004 (82)				<del>                                     </del>				<del>                                     </del>		
Heyslane								0.012		
Hexachlorobenzene   14			10 (24-hr)		0.0064		0.004 (B2)	1	0.04 #	
Hexachtorobutadiene	Heptane					(D)		<del>                                     </del>		
Hexachlorobutadiene	Hexabromobenzene	14				L		<u> </u>		
Hexachlorocyclopentadiene   49/42 (68)	Hexachlorobenzene		50 (10-day)	30 (7-day)	0.019	0.02 (B2)	0.02 (B2)	0.017	0.2 #R	
Hexachlorocyclopentadiene   49/42 (68)				1						
Hexachloroditenze-p-dioxin   1	Hexachlorobutadiene		11					<u> </u>		
Hexachloroethane         0,7         1         0,9         3 (C)         (C)         10 #           Hexachlorophene         2         7	Hexachlorocyclopentadiene	49 / 42 (68)					(D)			
Hexachloroethane         0,7         1         0,9         3 (C)         (C)         10 #           Hexachlorophene         2         7	Hexachlorodibenzo-p-dioxin			1						
Hexamethylphosphoramide	Hexachloroethane		1		0.9		(C)		10#	
Hexamethylphosphoramide         Image: Mode of the content of th	Hexachtorophene	2		7						
n-Hexane         4000 (10-day)         6         6         (D)         6         6         6           Hexazirone         230         400         9         6         (D)         (D)         9         6									0.005 #R (68)	
Hexazinone         230         400         6         7         6         7         6         7			4000 (10-day)				(D)			
HMX         350         400         (D) <td></td> <td>230</td> <td>400</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		230	400							
Imazalii         91         1800         <	нмх	350				(D)				
Imazaquin         1800         Imazaquin         Ima		91						1		
Indene         Indene (1,23-c,d)pyrene         Indene (2,23-c,d)pyrene         Indene (3,23-c,d)pyrene		1800						1		
Indeno(1,2,3-c,d)pyrene         9         0.029 (93)         (B2)         #         1			<del> </del>	<del> </del>						
Iodoform         #           Iprodione         280           IQ         0.025				1	0.029 (93)	(B2)	(B2)	<del> </del>	#	
Iprodione         280         #           IQ         0.025         0.25#		-	<del></del>	1				<del>                                     </del>		
O 0.025 0.25 #		280		<del>                                     </del>				†	#	
<u>````</u>			·	<del> </del>	0.025	<del></del>		<del>  </del>		
	Isoamyl acetate	<del></del>	<del></del>	<del> </del>		<del></del>	<del></del>	<del>                                     </del>	J.23 #	

<u></u>	T		USEP	A Nationa	Recom	mended	Ambient \	Nater Qua	Ilty Crit	eria			
		Human Healt						hwater A					
	Non-Cancer	Health Effects	One-in-a-Million Ca	encer Risk Estimate		R		ed Criter					
	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum		Tox	icity Inform	ation	
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous	(Lowest C	bserved Ef	fect Level)	
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other	
Flutolanil	Ţ	1					T					T	
Fluvalinate	<u> </u>						<del> </del>						
Foaming agents (MBAS)		·					<del></del>					<del></del>	
Folpet	<del>                                     </del>						† — — — — — — — — — — — — — — — — — — —						
Fomesalen	<del> </del>												
Fonolos	<del>                                     </del>												
Formaldehyde					w · · · · · · · · · · · · · · · · · · ·		† · · · · · · · · · · · · · · · · · · ·						
Formic acid						<del></del>							
2-(2-Formylhydrazino)-4-(5-nitro-2- furyl)thiazole													
Fosetyl-ai				l									
Furan	T	f	· · · · · · · · · · · · · · · · · · ·			T	T						
Furfural	1												
Furmecyclox							1						
Gasoline			·										
Glufosinale-ammonium							1					T .	
Glu-P-1							<del></del>						
Glu-P-2							<u> </u>						
Glycidaldehyde								-					
Glycidol													
Glyphosate													
Griseofluvin													
Gyromitrin													
Haloethers				T						360	122		
Halomethanes										11.000			
Halothane													
Haloxyfop-methyl													
Harmony													
HC Blue 1													
Heptachlor			0.00021	0.00021		0.0038 (114)			0.52				
Heptachlor epoxide			0.00010	0.00011		0.0038 (114)			0.52				
Heptane													
Hexabromobenzene	ļ											<u> </u>	
Hexachlorobenzene			0.00075	0.00077	ļ	L	<u> </u>			250 (22)		50 (22.23)	
Hexachlorobutadiene			0.44 / 0.11 / 0.046 (154)	50 / 0.12 / 0.049 (154)						90	9.3		
Hexachlorocyclopentadiene	240	17,000	l		1					7.0	5.2		
Hexachlorodibenzo-p-dioxin		L										_ <u></u>	
Hexachloroethane			1.9	8.9						980	540		
Hexachlorophene		L									<u> </u>		
Hexamethylphosphoramide				L									
n-Hexane		<u> </u>								ļ	\		
Hexazinone				<u> </u>							<u> </u>	<u> </u>	
НМХ			ļ							<u> </u>			
Imazalil					-							<del> </del>	
Imazaquin												<u> </u>	
Indene			ļ	<u> </u>				<u> </u>				<del> </del>	
Indeno(1,2,3-c,d)pyrene			0.0044 (41)	0.049 (41)	<u> </u>	1	1						
lodoform	ļ	<u> </u>	l							11,000 (20)	L	<b></b>	
Iprodione	<u> </u>	<del> </del>		<del> </del>		<del> </del>						<b></b>	
IQ		<u> </u>	}								<u> </u>	<del> </del>	
Isoamyl acetate	1		<u> </u>	<u> </u>	<u> </u>	L	l			<u> </u>	<u></u>	1	

		California Toxics Rule Criteria (USEPA) Inland Surface Waters Enclosed Bays & Estuaries											
	Human Health (			er Aquatic Life F	rotection	Human Health		r Aquatic Life Pr	otection				
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum					
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	instantaneous				
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum				
Flutolanil	]					T T							
Fluvalinate						<del> </del>			····				
Foaming agents (MBAS)						<del> </del>							
Folpet	<del>                                     </del>					1							
Fomesafen						<del>                                     </del>							
Fonofos	<del> </del>					<del> </del>	<del></del>						
Formaldehyde	<del> </del>					<del>                                     </del>							
Formic acid						<del> </del>	· · · · · · · · · · · · · · · · · · ·		<del></del>				
2-(2-Formylhydrazino)-4-(5-nitro-2-	<del> </del>					<del>                                     </del>							
furyl)thiazole													
Fosetyl-al	<u> </u>					1							
Furan													
Furfural													
Furmecyclox													
Gasoline													
Glufosinate-ammonium													
Glu-P-1													
Glu-P-2													
Glycidaldehyde			······································										
Glycidol				2									
Glyphosate	1												
Griseofluvin													
Gyromitrin													
Haloethers													
Halomethanes													
Halothane						1							
Haloxyfop-methyl						1							
Harmony									···				
HC Blue 1	<del></del>	<del></del>			<del></del>	<del> </del>		<del></del>					
Heptachlor	0.00021 (113)	0.00021 (113)	0.0038 (114)	<del> </del>	0.52	0.00021 (113)	0.0036 (114)		0.053				
Heptachlor epoxide	0.00021 (113)	0.00011 (113)	0.0038 (114)		0.52	0.00021 (113)	0.0036 (114)						
	0.00010 (113)	0.00017 (113)	0.0038 (114)		0.32	0.00011(113)	0.0036 (114)		0.053				
Heptane						<del> </del>		<del></del>					
Hexabromobenzene	0.00075 (113)	0.00077 (113)	<del></del>			0.00077 (440)							
Hexachlorobenzene	0.00075 (113)	0.00077 (113)			<del> </del>	0.00077 (113)							
Hexachlorobutadiene	0.44 (113,143)	50 (113,143)				50 (113,143)							
Hexachlorocyclopentadiene	240 (143)	17,000 (143)				17,000 (143)							
Hexachlorodibenzo-p-dioxin	5.5()	1,,550 (1.10)				17,000,170		<del></del>	<del></del>				
Hexachloroethane	1.9 (113,143)	8.9 (113,143)				8.9 (113,143)	···········						
Hexachlorophene	7.5 (, 1.75)	0.0 (1.0,1.0)				0.5 (1.5,145)							
Hexamethylphosphoramide	<del></del>	<del></del>				<del>  </del>		<del></del>					
n-Hexane	<del>  </del>					<del> </del>							
Hexazinone	<del>                                     </del>					<del> </del>							
HMX		·		<del> </del>		<del> </del>							
				<del></del>		<del> </del>							
lmazalil	<del> </del>					<del> </del>		<del></del>					
Imazaquin	<del></del>					<del> </del>							
Indene	0.0044 (442)	0.040 (440)		<del></del>		0.040 (220)							
Indeno(1,2,3-c,d)pyrene	0.0044 (113)	0.049 (113)				0.049 (113)							
lodoform	ļ					ļ							
Iprodione		ļ				<b></b>			····				
IQ						<del> </del>							
Isoamyl acetate	1	Ll		<u> </u>		<u> </u>		i					

	Nu			Ocean P Quality	lan Objectiv	e s	US	SEPA Nation	al Recomme Saltwater A				ria
	Human Health			•		<del></del>		commend	ed Crite		Toxicity information		
ORGANIC	(30-day Average)			uatic Life		г	Continuous	1	Maximum				
	aquatic organism	6-month	30-day	7-day	Daily	Instantaneous	Concentration		Concentration	Instantaneous		bserved Ef	Other
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
Flutolanil													
Fluvalinate													
Foaming agents (MBAS)						L							
Folpet												<u> </u>	
Fomesalen													<u> </u>
Fonofos												<u> </u>	<u> </u>
Formaldehyde													ļ
Formic acid						<u> </u>							<u> </u>
2-(2-Formylhydrazino)-4-(5-nitro-2- furyl)thiazole			ĺ						}			1	
Fosetyl-al					<del> </del>	<del> </del>	1		1				
Furan				<del> </del>			1	<del>                                     </del>	<u> </u>			1	
Furtural					<del></del>		1		1			1	1
Furmecyclox					<del> </del>		<del> </del>	T					
Gasoline				<del>                                     </del>	<del>                                     </del>			<del> </del>					
Glufosinate-ammonium	1			1			T						
Glu-P-1				<del> </del>		·	<del> </del>	<del> </del>					
Glu-P-2													
Glycidaldehyde	1			T		T							
Glycidol					4			· · · · · · · · · · · · · · · · · · ·					
Glyphosate						1						1	
Griseofluvin _				T	<del></del>		1		(				
Gyromitrin													
Haloethers							<del> </del>						
Halomethanes	130 # (13)										12000	6400	11,500 (82)
Halothane													
Haloxyfop-methyl													
Нагтопу													
HC Blue 1					1								
Heptachlor	0.00072 # (30)					1	0.0036 (114)			0.053	1		
Heptachlor epoxide	0.00072 # (30)					T	0.0036 (114)			0.053			
Heptane													
Hexabromobenzene													
Hexachlorobenzene	0.00021#										160 (22)	129 (22)	
Hexachlorobutadiene	14#										32		
Hexachlorocyclopentadiene	58	<del></del>	<del> </del>	<del> </del>	+	<del>                                     </del>	<del> </del>	<del> </del>	<del></del>	<del></del>	7.0	<del></del>	
Hexachlorodibenzo-p-dioxin	-30		·	<del> </del>	<del> </del>	<del></del>	+	<del>                                     </del>	<del> </del>		7.0	+	1
Hexachloroethane	2.5#			<del> </del>	· · · · · · · · · · · · · · · · · · ·		940	<del></del>	<del>                                     </del>				
Hexachlorophene	1-27		<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	+	<del> </del>	<del> </del>	<del></del>	1	†·	<del>                                     </del>
Hexamethylphosphoramide	<del> </del>		<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	1	1
n-Hexane	<del> </del>		†	<del> </del> -	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>		<del></del>	<del>                                     </del>	
Hexazinone	<del> </del>		<b> </b>	<del> </del>	<del>                                     </del>	†	<del>                                     </del>	<b> </b>			<del> </del>	<del> </del>	1
HMX	<del>                                     </del>		t	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del>+</del>	<del> </del>		t		
Imazalil	<del> </del>		<del></del>	<del> </del>	1	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del> </del>
Imazauin	<del> </del>		<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	+	<del> </del>
Indene	<del>   </del>		<del></del>	<del> </del>	<del>                                     </del>	t	<del>                                     </del>	<del> </del>	<del> </del>		<del> </del>	1	
Indeno(1,2,3-c,d)pyrene	0.0088 # (33)		<del>                                     </del>	<del>                                     </del>	1	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>		300 (52)	1	
lodoform	0.0000 # (00)	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	+	<del> </del>	<del> </del>		12000 (20)	6400 (20)	11,500 (20,82)
Iprodione	<del> </del>			<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>		12000 (20)	1 0.00 (2.0)	11,555 (23,02)
IQ	<del> </del>		1	1	<del>                                     </del>		1	<del> </del>	1			<del>                                     </del>	1
Isoamyl acetate	<del>                                     </del>		† <del></del>	<del> </del>	1	<del> </del> -	<del> </del>	1	<del> </del>		<del> </del>		1
	<del></del>		·	4	<del></del>	<del></del>	<del></del>	<del></del>	4	L	·	<del></del>	

	Chemical			
1	Abstracts			
}	Service		· ·	1
ORGANIC	Registry			
CONSTITUENT	Number	s	ynonyms and Abbreviatio	n s
Flutolanil	66332-96-5	Moncut	<del> </del>	
Fluvalinate	69409-94-5	Mavrik	LUBAG	<del> </del>
Foaming agents (MBAS)	122 07 2	Methylene blue active substances	MBAS	<del> </del>
Folpet	133-07-3 72178-02-0	Folpan		<del> </del>
Fomesafen	944-22-9	Difonate	Dyfonate	Duckson -
Fonofos	50-00-0	Methanal	Dylonate	Dyphonate
Formaldehyde Formic acid	64-18-6	Medianai	<del> </del>	
2-(2-Formylhydrazino)-4-(5-nitro-2-	04-10-0	<del></del>	<del> </del>	
furyl)thiazole	3570-75-0	Nifurthiazole	FNT	
Fosetyl-al	39148-24-8	Aliette	1.07	<del> </del>
Furan	110-00-9	Furfuran		†
Furfural	98-01-1	· · · · · · · · · · · · · · · · · · ·	<u> </u>	
Furmecyclox	60568-05-0	Epic 500	Campogran	Furmetamide
Gasoline	8006-61-9		1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T	a petroleum hydrocarbon
Glufosinale-ammonium	77182-82-2	Hoe 39866	Basta	a periodo in injurado por
Glu-P-1	67730-11-4	2-Amino-6-methyldipyrido[1,2-a:3',2'-d]-imidazole		<u> </u>
Glu-P-2	67730-10-3	2-Aminopyrido[1,2-a;3',2'-d]-imidazole		
Glycidaldehyde	765-34-4			
Glycidol	556-52-5		7	
Glyphosate	1071-83-6	Roundup	Glyphosate isopropylamine salt	
Griseofluvin	126-07-8			
Gyromitrin	16568-02-8	Acetaldehyde methylformythydrazone		
Haloethers		Ethers, halo-		
Halomethanes		Methanes, halo-		
Halothane	151-67-7	2-Bromo-2-chloro-1,1,1-trifluoroethane		
Haloxyfop-methyl	69806-40-2	Verdict		
Harmony	79277-27-3	DPX-M6316		
HC Blue 1	2784-94-3			
Heptachlor	76-44-8			
Heptachlor epoxide	1024-57-3			
Heptane	142-82-5			
Hexabromobenzene	87-82-1			
Hexachlorobenzene	118-74-1	Perchlorobenzene	нсв	
Hexachlorobutadiene	87-68-3	Perchlorobutadiene	HCBD	
Hexachlorocyclopentadiene	77-47-4	HEX	HCCPD	
Hexachlorodibenzo-p-dioxin	19408-74-3	HxCDD		
Hexachloroethane	67-72-1	Perchloroethane		`
Hexachlorophene	70-30-4			
Hexamethylphosphoramide	680-31-9			
n-Hexane	110-54-3			ļ
Hexazinone	51235-04-2	Velpar	<u> </u>	
НМХ	2691-41-0	Cyclotetramethylene tetranitramine	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ļ
Imazalil	35554-44-0		<del></del>	<del> </del>
Imazaquin	81335-37-7	Scepter	<del> </del> -	
Indene	95-13-6	<del></del>	<del> </del>	<del> </del>
Indena(1,2,3-c,d)pyrene	193-39-5	l <u> </u>	<del> </del>	a polynuclear aromatic hydrocarbon
lodoform	75-47-8	Triiodomethane	<del> </del>	<del> </del>
Iprodione	36734-19-7	Rovral	<del> </del>	<del> </del>
10	76180-96-6	2-Amino-3-methylimidazo[4,5-f]quinoline	<del> </del>	<del>   </del>
Isoamyl acetate	123-92-2		<del></del>	<u> </u>

		Maximum	Standards (Calif Contaminant Lev	els (MCLs)		California Public Health Goal (PHG) in Drinking Water (Office of Environmental	ll California State Action Levels (Department of Health Services)		Other
ORGANIC		of Health Services		nvironmental Protection		Health Hazard			Taste & Odor
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Isoamyl alcohol				<u> </u>	T			T	270 (126)
Isobutyl acetate					<del></del>				150 (126)
Isobutyl alcohol									10,000 (126)
Isophorone								T	5400 (126)
Isopropalin									
Isopropanol									160,000 (126)
Isopropyl acetate									1000 (126)
Isopropylamine						<del></del>			4900 (126)
Isopropyl ether									0.8 (126)
Isopropyl methylphosphonate									
Isopropyl methyl phosphonic acid									
Isoxaben									
Kepone									
Keroşene									100 (49)
Lactofen									
Lasiocarpine									
Lead acetate									
Lead subacetate									
Linuron									
Londax									
Malathion							160		
Maleic anhydride									
Maleic hydrazide			_						
Maneb									
MCPA									
мсрв									
MCPP									
Me-A-alpha-C									
Melphalan									
Mepiquat chloride		1-21							
Merphos									
Merphos oxide									
Mesityl oxide									1000 (126)
Metalaxyl									
Methacrylonitrile									
Methamidophos									
Methanol									740,000 (126)
Methidathion									
Methornyl									
Methoxychlor	40 / 30 (100)		40		40	30			4700 (125)
Methyl acetate									3000 (126)
Methyl acrylate									2.1 (126)
Methyl acrylonitrile				T	<u> </u>				2100 (126)
Methylamine		T			1			<u> </u>	2400 (126)
Methyl n-amyl ketone					T			T	280 (126)
N-Methylaniline					T			1	18,000 (126)
Methyl t-butyl ether (MtBE)	13	5		1	T	13			15 to 95 (10)
Methyl n-butyl ketone		T	· · · · · · · · · · · · · · · · · · ·	<u> </u>				1	250 (126)
3-Methylcholanthrene		T						<del>                                     </del>	T
5-Methylchrysene	······································	T		1	<del>                                     </del>				
Methylcyclohexane			<del></del>		<del>                                     </del>				150 (126)
cis-3-Methylcyclohexanol		1	[		<del>                                     </del>			T	6,000,000 (126)

	USEPA Integrated			Can	Опе·in-a·Milli er Risk Estimat	Water	California Proposition 65		
	System (IRIS)	Levels (	SNARLS)	Cal/EPA Cancer	USEPA	USEPA	National Academy	Regulatory	
ORGANIC	Reference Dose as a Orinking		rthan cancer risk National Academy	Potency Factor as a Drinking	Integrated Risk Information	Orinking Water Health Advisory	of Sciences (NAS) Drinking Water	Level as a Drinking Water	Agricultural Water Quality
CONSTITUENT	Water Level (60)	USEPA	of Sciences (NAS)	Water Level (102)	System (IRIS)	or SNARL	and Health	Level (14)	Goals (78)
Isoamyl alcohol					<del></del>				
Isobutyl acetate									
Isobutyl alcohol	2100							·	
Isophorone	140	100			40 (C)	40 (C)			
Isopropalin	100								
Isopropanol							T		
Isopropyl acetate									
Isopropylamine									
Isopropyl ether									
Isopropyl methylphosphonate		700				(0)			
Isopropyl methyl phosphonic acid	700				(D)				
Isoxaben	35				(C)				
Kepone				0.0022			0.011	0.02 #R	
Kerosene		100 (10-day,49)							
Lactofen	14							2 # (68)	
Lasiocarpine				0.0045				0.045#	
Lead acetate				0.13	(B2)			1.5#	
Lead subacetate				0.92				10#	
Linuron	1.4				(C)			R	
Londax	1400		4						
Malathion	140	100	160			(D)			
Maleic anhydride	700								
Maleic hydrazide	3500	4000				(D)			
Maneb	35		35					#	
MCPA	11	4	8.75			(D)			
МСРВ	70								
MCPP	7								
Me-A-alpha-C				0.029				0.3#	
Melphalan				0.00027				0.0025 #R	
Mepiquat chloride	210	ಕ					1		
Merphos	0.2						1		
Merphos oxide	0.2						1		
Mesityl oxide									
Metalaxyl	420						1	,	
Methacrylonitrile	0.7								
Methamidophos	0.35								
Methanol	3500								
Methidathion	0.7				(C)				
Methomyl	180	200	175			(E)			
Methoxychlor	35	40	700		(D)	(D)			
Methyl acetate									
Methyl acrylate					(D)	· · · · · · · · · · · · · · · · · · ·			
Methyl acrylonitrile									
Methylamine							1		<del></del>
Methyl n-amyl kelone		· · · · · · · · · · · · · · · · · · ·							
N-Methylaniline									
Methyl I-butyl ether (MtBE)		200		19					
Methyl n-butyl ketone									· · · · · · · · · · · · · · · · · · ·
3-Methylcholanthrene		<del></del>		0.0016				0.015#	
5-Methylchrysene				0.0029 (93)			<del>                                     </del>	0.0025 # (68)	
Methylcyclohexane							<del> </del>	3.0020 # 100/	
1 TOUR TO TOUR TO TOUR TO TOUR TO TOUR TOUR		<del></del>	<del></del>				h		

				A Nationa	I Recom	mended	<u>Ambient</u>	Water Qua	ility Crit	eria		
		Human Healt!				ļ		hwater A		te Prote	ction	
		Health Effects		ancer Risk Estimate			commend.	ed Criter	i a	_		
	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum			icity inform	
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration	1	Concentration	Instantaneous		Observed Eff	
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
Isoamyl alcohol						1	1		1			
Isobutyl acetate							<del> </del>					
Isobutyl alcohol				†				<u></u>				
Isophorone			36	2600						117,000		
Isopropalin												
Isopropanol												
Isopropyl acetate												
Isopropylamine												
Isopropyl ether												
Isopropyl methylphosphonate												<u> </u>
Isopropyl methyl phosphonic acid												<u> </u>
Isoxaben											1	
Kepone												<u> </u>
Kerosene											<u> </u>	ļ.,
Lactofen												<del></del>
Lasiocarpine		ļ					<u> </u>					
Lead acetate												
Lead subacetate											<u> </u>	<u> </u>
Linuron												
Londax	<u> </u>	l		2								
Malathion		<u> </u>						0.43 (151)	0.1 (51)			1
Maleic anhydride		ļ									<u> </u>	<del> </del>
Maleic hydrazide		ļ					<u></u>					<u> </u>
Maneb												<u> </u>
MCPA	<u> </u>		<u> </u>								<u> </u>	
МСРВ	<u> </u>	<u> </u>										
MCPP												
Me-A-alpha-C												
Melphalan	<u> </u>											
Mepiquat chloride	<u> </u>											
Merphos												
Merphos oxide		<u> </u>		<u> </u>		<u> </u>	<u> </u>				<u> </u>	<u> </u>
Mesityl oxide				<u> </u>		ļ	<u> </u>			٠.		
Metalaxyl	<u> </u>											<u> </u>
Methacrylonitrile				1 1		1	1	<u> </u>				
Methamidophos				<u> </u>		<u> </u>		<u> </u>				
Methanol	ļ					<u> </u>	<u> </u>	<u> </u>				<del> </del>
Methidathion	<u> </u>	<u> </u>				<u> </u>						
Methomyl	<u> </u>	L				0.52 (151)		5.5 (151)		·		<del> </del>
Methoxychlor	100 (51)			<u> </u>			ļ	ļ	0.03 (51)	ļ	<del></del>	<del> </del>
Methyl acetate	<del> </del>			ļ		<u> </u>					<del></del>	<del> </del>
Methyl acrylate	<u> </u>	<del></del>	<del></del>	ļ			<u> </u>			ļ	<u> </u>	1
Methyl acrylonitrile	ļ			ļ		ļ	<u> </u>	<u> </u>				<u> </u>
Methylamine	<u> </u>	<b></b>		<u> </u>	<del></del>			ļ			<u> </u>	<del></del>
Methyl n-amyl ketone	<del> </del>	<del></del>		<u> </u>		<del> </del>	<del> </del>	<u> </u>	\ <u> </u>	<u> </u>	<u> </u>	<del> </del>
N-Methylaniline	<del> </del>	<del> </del>	ļ	ļ		ļ	<u> </u>					<b></b>
Methyl t-butyl ether (MtBE)	<del></del>	ļ	ļ	<b> </b>			<u> </u>					
Methyl n-butyl ketone	ļ		<u> </u>			ļ	<u> </u>					<del></del>
3-Methylcholanthrene	<u> </u>							ļ			<u> </u>	<b></b>
5-Methylchrysene	ļ	1									1	ļ
Methylcyclohexane	<u> </u>	ļ				<u> </u>	L			<u> </u>		ļ
cis-3-Methylcyclohexanol	<u>i                                    </u>	L		l							Ī	L

					ics Rule Cr	iteria (USEP			
			d Surface W					s & Estuari	
	Human Health (			r Aquatic Life F	rotection	Human Health Saltwater Aquatic Life Protect			rotection
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum	
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum
Isoamyl alcohol		·				T			· · · · · · · · · · · · · · · · · · ·
Isobutyl acetate						1			
Isobutyl alcohol									
Isophorone	8.4 (113,143)	600 (113,143)				600 (113,143)			
Isopropalin									
Isopropanol									
Isopropyl acetate	l					<del> </del>			
Isopropylamine						<u> </u>			<u></u>
Isopropyl ether	<u> </u>								
Isopropyl methylphosphonate						ļ			
Isopropyl methyl phosphonic acid	<b> </b>								
Isoxaben	<del> </del>				<del></del>				
Kepone						ļ		<del></del>	
Kerosene	<del>                                     </del>					<del>   </del>			
Lactofen	<del> </del>				<del></del>	<del> </del>		<del></del>	
Lasiocarpine	<del> </del>					<del> </del>			
Lead acetate	<del> </del>							<u> </u>	
Lead subacetate	<del> </del>					<del> </del>		<del> </del>	
Linuron	<del> </del>				<del> </del>	<del> </del>	<del></del>		
Londax						<del> </del>			
Malathion	<b></b>								
Maleic anhydride	<del> </del>					<del> </del>		<del></del>	
Maleic hydrazide	<del></del>					-			
Maneb MCPA						1			
MCP8						<b>-</b>			<del> </del>
MCPP						<del> </del>		<del></del>	
Me-A-alpha-C	<del> </del>							·	
Melphalan	<del></del>	<del></del>		<del></del>		<del> </del>		<del></del>	
Mepiquat chloride	<del> </del>	14.				<del> </del>	<del></del>	<del></del>	<del></del>
Merphos	<del> </del>	<del></del>			<del></del>	<del> </del>			
Merphos oxide	<del></del>								
Mesityl oxide	<del> </del>								
Metalaxyl	<del> </del>	*			<del></del>			,	
Methacrylonitrile									
Methamidophos									
Methanol	1								
Methidathion	<del>                                     </del>		·			<del> </del>			
Methornyl	<del> </del>					†		-	
Methoxychlor				<del></del>		<del>                                     </del>			
Methyl acetate	† · · · · · · · · · · · · · · · · · · ·					<del> </del>			
Methyl acrylate	<del>                                     </del>			<del></del>				<del>-</del>	· · · · · · · · · · · · · · · · · · ·
Methyl acrylonitrile	1			· · · · · · · · · · · · · · · · · · ·	<del></del>		· · · · · · · · · · · · · · · · · · ·		
Methylamine	1					1	<u> </u>		
Methyl n-amyl ketone	1						<u> </u>		
N-Methylaniline									
Methyl t-butyl ether (MtBE)	<del> </del>								
Methyl n-butyl ketone	1								
3-Methylcholanthrene	1								
5-Methylchrysene									
Melhylcyclohexane	1								
cis-3-Methylcyclohexanol	<del> </del>								

	California Ocean Plan Numerical Water Quality Objectives					e s	US				ient Water Quality Criteria e Protection		
	Human Health (30-day Average)			uatic Life i			R e Continuous	commend				city inform	21100
ORGANIC	aquatic organism	6-month	30-day	7-day	Daily	instantaneous	Concentration	(	Concentration	Instantaneous		bserved Ef	
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum	1	24-hour Average		Maximum	Acute	Chronic	Other
	1		1	7.70.030		1	[ (4-ce) Average/	TT-100 Average	TI-TIOUT AVOIDED		Acuto	, , , , , , , , , , , , , , , , , , , ,	
Isoamyl alcohol			<del> </del>		<del></del>	<del></del> _	ļ					<del> </del>	
Isobutyl acetale	<del> </del>					<u> </u>	ļ	·				<del> </del>	
isobutyl alcohol	150 000		<del> </del>			Ļ	L						
Isophorone	150,000		<del></del>		ļ. <u></u>						12,900	ļ <u>-</u>	ļ
Isopropalin			<del> </del>			ļ	ļ	ļ ————————————————————————————————————					-
Isopropanol			<del> </del>			<del> </del>	L						
isopropyl acetate				<u></u>	<u> </u>	<del> </del>	ļ						<del> </del> -
Isopropylamine	ļ		<del> </del>			<del> </del>						<del></del>	<del> </del>
Isopropyl ether	· · · · · · · · · · · · · · · · · · ·		<u> </u>			ļ	ļ					ļ	<del> </del>
Isopropyl methylphosphonate	ļ		<del></del>			<del> </del>		ļ					<del> </del>
Isopropyl methyl phosphonic acid			<del> </del>			<del> </del>		<del> </del>					<del> </del>
Isoxaben	<del> </del>		<del> </del>			<del> </del>	-	·				<del> </del>	<del></del>
Kepone	<del> </del>		<del> </del>		<del></del>		ļ	<u> </u>				<del> </del>	<del> </del>
Kerosene	<del> </del>		<del> </del>			<del> </del>	<del> </del>	<del> </del>				<del></del>	<del> </del>
Lactofen	<del> </del>		<del> </del>			<del> </del>	<del> </del>	<del> </del>				<del> </del>	<del> </del>
Lasiocarpine	1		1	}		<del> </del>	<del> </del>	<del> </del>	<u> </u>			<del> </del>	<del>}</del>
Lead acetate						ļ	L	ļ					ļ
Lead subacetate			ļ	ļ			L					ļ	
Linuron			<del> </del>		<b>—</b>	<del> </del>		ļ					<del> </del>
Londax	<u> </u>				<u> </u>		ļ						-
Malathion			<del> </del>	ļ	<b></b>		L		0.34 (152)	0.1 (51)		<b></b>	
Maleic anhydride			<u> </u>	ļ	L		<u></u>					·	
Maleic hydrazide	\\		·		<del></del>							<u> </u>	<del></del>
Maneb					<u> </u>							<u> </u>	
МСРА	<del> </del>		<del> </del>		ļ <u>.</u>		<u> </u>					<u> </u>	
МСРВ								<u> </u>				<del></del>	<del></del>
МСРР	ļ		<u> </u>									<u> </u>	
Me-A-alpha-C					<b>-</b>		<u> </u>					<del></del>	ļ
Melphalan	<u> </u>		<del> </del>		ļ		ļ						
Mepiquat chloride	ļ		4		<b></b>	1					<u> </u>	<u> </u>	<del> </del>
Merphos	<u> </u>		<del> </del>		ļ							ļ	
Merphos oxide			<del> </del>		ļ	<del></del>	<del></del>	-				<del> </del>	<del></del>
Mesityl oxide	ļ		<u> </u>				<u> </u>				11	<del></del>	<del></del>
Metalaxyl	<u> </u>		ļ		<u> </u>			ļ			<u> </u>	ļ	
Methacrylonitrile	·		<del> </del>	ļ	Ļ	<b></b>	<u> </u>	<del> </del>			<u> </u>	-	ļ
Methamidophos			<del> </del>			<del> </del>	<u> </u>	<del></del>			<del></del>		<del> </del>
Methanol	1		<del> </del>		<b></b>	<del> </del>	<del></del>					1	<del></del>
Methidathion			<del> </del>		<del> </del>		<u> </u>	ļ					+
Methomyf	<del> </del>				<del> </del>	<del></del>	ļ	ļ				-	<del> </del>
Methoxychlor	<del> </del>			ļ	<del> </del>	<del> </del>	<del> </del>	<del></del>		0.03 (51)	<del></del>	<del> </del>	<del>                                     </del>
Methyl acetate	<del> </del>		<del> </del>	<del> </del>	ļ	ļ	<u> </u>	<del> </del>					+
Methyl acrylate	ļ		<del> </del>	ļ	<del> </del>	<del> </del>	<u> </u>	<del> </del>				<del> </del>	<del> </del>
Methyl acrylonitrile	<u> </u>		<del> </del>	<u> </u>	<del> </del>	<b></b>	<u> </u>	<del> </del>				<del> </del>	+
Methylamine	1		<del> </del>	<del></del>		<del> </del>	ļ	ļ			ļ	-	<del>                                     </del>
Methyl n-amyl ketone	<del>                                     </del>		<u> </u>	<del></del>	<del> </del>	<del> </del>	<del></del>	<del></del>			<del></del>		<del></del>
N-Methylaniline	·		ļ	<del> </del>	ļ	<del> </del>	ļ	<del></del>	L			<del> </del>	<del> </del>
Methyl t-butyl ether (MtBE)	<del> </del>		<del> </del>	ļ	<del> </del>	<del> </del>	ļ					<del></del>	
Methyl n-butyl ketone	<del> </del>		<del> </del>	<del></del>	ļ	J	ļ <u>.                                    </u>	<del> </del>		L	<del></del>	ļ	<del> </del>
3-Methylcholanthrene	<b> </b>		<del> </del>	ļ	ļ	<u> </u>					ļ	<del> </del>	
5-Methylchrysene	<del>                                     </del>		<del> </del>			<u> </u>	<u> </u>					ļ	<del> </del>
Methylcyclohexane	11		<del> </del>		<b>!</b>		ļ	1				<u> </u>	ļ
cis-3-Methylcyclohexanol	<u> </u>			L	<u> </u>		<u> </u>				<u> </u>	<u> </u>	

		<del></del>	<del></del>	
	Chemical	1		Í
į i				
	Abstracts			
	Service			
ORGANIC	Registry			
CONSTITUENT	Number	<u> </u>	ynonyms and Abbrevlatio	<u>n s</u>
Isoamyl alcohol	123-51-3	3-Methyl-1-butanol	Isobutyl carbinol	
Isobutyl acetate	110-19-0			
isobutyl alcohol	78-83-1	Isobutanol		
Isophorone	78-59-1			
Isopropalin	33820-53-0			
Isopropanol	67-63-0	Isopropyl alcohol	<u> </u>	
Isopropyl acetate	108-21-4	<u> </u>		
Isopropylamine	75-31-0	2-Aminopropane		
Isopropyl ether	108-20-3	Di-isopropyl ether	DIPE	
Isopropyl methylphosphonate				
Isopropyl methyl phosphonic acid	1832-54-8	IMPA		
Isoxaben	82558-50-7	EL-107	<del> </del>	
Kepone	143-50-0	Chlordecone	Foot all #4	
Kerosene	8008-20-6	Kerosine	Fuel oil #1	a petroleum hydrocarbon
Lactofen	77501-63-4	Cobra	<del></del>	<del> </del>
Lasiocarpine	303-34-4	Super-disease	<del>                                     </del>	<del> </del>
Lead acetate	301-04-2 1335-32-6	Sugar of lead Basic lead acetate	BLA	
Lead subacetate	330-55-2	Basic lead acetate		
Linuron	83055-99-6	DPX-F5384	<del></del>	
Londax	121-75-5	Cythion	<del>                                     </del>	
Malathion	108-31-6	Cyullon		<del> </del>
Maleic anhydride	123-33-1	Antergon	Chemform	Retard
Maleic hydrazide Maneb	12427-38-2	Dithane M-22	Manzale	Retard
MCPA	94-74-6	2-Methyl-4-chlorophenoxyacetic acid	Marizato	<del> </del>
МСРВ	94-81-5	4-(2-Methyl-4-chlorophenoxy)butyric acid		<del> </del>
MCPP	93-65-2	2-(2-Methyl-4-chlorophenoxy)propionic acid		
Me-A-alpha-C	68006-83-7	2-Amino-3-methyl-9H-pyrido-[2,3-b]indole		
Melphalan	148-82-3	Alanine nitrogen mustard	Alkeran	<del> </del>
Mepiquat chloride	24307-26-4			<del> </del>
Merphos	150-50-5	Tribufos	Folex 6EC	<del>                                     </del>
Merphos oxide	78-48-8	Butiphos		
Mesityl oxide	141-79-7	Methyl isobutenyl ketone		
Metalaxyl	57837-19-1	Subdue		
Methacrylonitrile	126-98-7	2-Cyanopropene		
Methamidophos	10265-92-6	Monitor		
Methanol	67-56-1	Methyl alcohol		
Methidathion	950-37-8			
Methomyl	16752-77-5	Lannate		
Methoxychlor	72-43-5			
Methyl acetate	79-20-9			
Methyl acrylate	96-33-3			
Methyl acrylonitrile	126-98-7	. •		
Methylamine	74-89-5	Aminomethane		
Methyl n-amyl ketone	110-43-0	2-Heptanone		
N-Methylaniline	100-61-8			
Methyl t-butyl ether (MtBE)	1634-04-4	MIBE		
Methyl n-butyl ketone	591-78-6	2-Hexanone		
3-Methylcholanthrene	56-49-5			
5-Methylchrysene	3697-24-3			
Methylcyclohexane	108-87-2			
cis-3-Methylcyclohexanol	25639-42-3	L	<u>.                                    </u>	l

ORGANIC	C-114 (- P.	Maximum C	Contaminant Lev	fornia & Federal) vels (MCLs)	California Public Health Goal (PHG) in Drinking Water (Office of Environmental	California Sta	Other Taste & Odor		
CONSTITUENT	Primary MCL	of Health Services Secondary MCL	Primary MCL	Environmental Protection As Secondary MCL		Health Hazard		Health Services)	Thresholds
<u> </u>	Primary MCL	Secondary MCL [	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	inresnoius
4,4'-Methylenebis(2-chloroaniline) 4,4'-Methylenebis(N,N-								<b></b>	ļ
dimethyl)aniline									
4,4'-Methylenebis(2-methylaniline)								<u> </u>	<del></del>
4,4'-Methylenedianiline								<u> </u>	<del> </del>
4,4'-Methylenedianiline dihydrochloride									
Methyl ethyl ketone									8400 (126)
Methyl formate									150,000 (126)
Methylhydrazine									
Methylhydrazine sulfate									
Methyl isoamyl ketone									13 (126)
Methyl isobutyl carbinol									150 (126)
Methyl isobutyl ketone (MIBK)							120		1300 (126)
Methyl isopropyl ketone	····								3100 (126)
Methyl mercaptan									0.024 (126)
Methyl mercury									
Methyl methacrylate									25 (126)
Methyl methanesulfonate	···	<u> </u>							<u> </u>
2-Methyl-1-nitroanthraquinone		ļ	<del> </del>		··			<u> </u>	
N-Methyl-N'-nitro-N-		i i		1		1			}
nitrosoguanidine								<u> </u>	
N-Methylolacrylamide								<u> </u>	
Methyl parathion				1			2	<u> </u>	
Methyl n-propyl ketone	·	ļ						<del></del>	15,000 (126)
alpha-Methylstyrene									43 (126)
Methylthiouracil	<del> </del>			<del></del>				<u> </u>	<del></del>
Metolachior	<del></del>								<u> </u>
Metribuzin			<del></del>						J
Metronidazole					<del></del>				<del></del>
Michler's ketone									<del> </del>
Mirex		<b>}</b>							<del></del>
Mitomycin C	· · · · · · · · · · · · · · · · · · ·			<del>  </del>				<u> </u>	<del></del>
Molinate	20								<del> </del>
Monocrotaline	· · · · · · · · · · · · · · · · · · ·	<del>                                     </del>		<del> </del>	····			<del></del>	-
nitrofurfurylidene)-amino]-2-					•				
oxalolidinone				<del> </del>				<del></del>	<del> </del>
Naled		<del>  </del>						<del></del>	21 (126)
Naphthalene		<del> </del>		<del> </del>			170	<u> </u>	21 (126)
2-Naphthylamine	· · · · · · · · · · · · · · · · · · ·	<del> </del>		<del> </del>				<del> </del>	<del> </del>
Napropamide		<del> </del>				<del></del>		<del></del>	<u> </u>
Nitralin		ļ	· · · · · · · · · · · · · · · · · · ·			<del>-+</del>		<del></del>	<del> </del>
Nitrilotriacetate, trisodium monohydrate								1	
Nitrilotriacetic acid									
5-Nitroacenaphthene									
5-Nitro-o-anisidine									
Nitrobenzene									110 (126)
6-Nitrochrysene									
Nitroethane				T					220 (126)
Nitrofen								<del> </del>	
2-Nitrofluorene		1		1		·- <del> </del>		+	<del></del>

	USEPA Integrated	Drinking Water H	ealth Advisories or	<del></del>	One-in-a-Milli	on Incremental		California	
	Risk Information		dverse-Response		er Risk Estimate			Proposition 65	
	System (IRIS) Reference Dose as a Drinking		SNARLs) r than cancer risk National Academy	Cal/EPA Cancer Potency Factor as a Drinking	USEPA Integrated Risk Information	USEPA Drinking Water	National Academy of Sciences (NAS) Drinking Water	Regulatory Level as a Drinking Water	Agricultural Water Quality
ORGANIC CONSTITUENT	Water Level (60)	USEPA	of Sciences (NAS)	Water Level (102)	System (IRIS)	Health Advisory or SNARL	urinking Water and Health	Level (14)	Goals (78)
			O COMMON (MAC)		Gyatem (intio)	UI SIVAKE	una neutin		
4,4'-Methylenebis(2-chloroaniline)			ļ	0.023	<del></del>	<del></del>		0.25 #	
4,4'-Methylenebis(N,N- dimethyl)aniline				0.76	0.8 (B2)			10#	
4.4'-Methylenebis(2-methylaniline)				0.038				0.4 #	
4,4'-Methylenedianiline				0.022				0.2#	
4,4'-Methylenedianiline dihydrochloride				0.029			1	0.3#	
Methyl ethyl ketone	4200	7500 (10-day)			(D)	(D)			
Methyl formate						<del></del>			
Methylhydrazine								0.3 # (68)	
Methylhydrazine sulfate								0.2 # (68)	
Methyl isoamyl ketone			1						
Methyl isobutyl carbinol									
Methyl isobutyl ketone (MIBK)									
Methyl isopropyl ketone									
Methyl mercaptan	<u> </u>								
Methyl mercury	0.07				(C)			0.15 #R (5,68)	
Methyl methacrylate	9800		800		(E)				
Methyl methanesulfonate				0.35				3.5 #	
2-Methyl-1-nitroanthraquinone				0.0081				0.1 #	
N-Methyl-N'-nitro-N- nitrosoguanidine				0.0042				0.04 #	
N-Methylolacrylamide			<del></del>	0.0042		<del></del>	<del> </del>	1 # (68)	<del></del>
Methyl parathion	1,8	2	30		<del></del>	(0)	<del> </del>	1 # (00)	
Methyl n-propyl kelone	1.8	<del></del>	<del> </del>	·		\\ <del>\</del>	<del> </del>		
alpha-Methylstyrene	<del> </del>	<del></del>	<del> </del>			<del></del>	<del>   </del>		
Methylthiouracil			<del> </del>	0.088				1#	
Metolachior	110	100	<del></del>	0.000	(Č)	(C)	<del> </del>		
Metribuzin	175	200	<del> </del>		(D)	(D)	<del> </del>		
Metronidazole		200	<del> </del>	······································		<u> </u>	<del> </del>	2 # (68)	
Michler's ketone	<del> </del>	<del></del>	<del> </del>	0.041			<del> </del>	0.4 #	<del></del>
Mirex	1.4	<del></del>	<del> </del>	0.0019		0.0049 (8)	<u> </u>	0.02 #	
Mitomycin C	· · · · · · · · · · · · · · · · · · ·	<del></del>	<del> </del>	0.0000043	<del></del>	0.0049 (8)	<del> </del>	0.000045#	
Molinate	14		<del> </del>	0.0000040				0.000043#	
Monocrotatine	<del></del>	<del></del>	<del> </del>	0.0035	·	<b>-</b>	<del> </del>	0.035#	
nitrofurfurylidene)-amino)-2-				0.000					
oxalolidinone	14	<del> </del>				<del></del>	<del> </del>	0.1 # (68)	
Naled	14	100	<del> </del>		(C)	(C)	}		
Naphthalene	<del>                                     </del>	100	<del></del>	0.019		(0)	<del> </del>	0.2 #	
2-Naphthylamine	700		<del> </del>	0.019			<del> </del>	U.2#	
Napropamide	· · · · · · · · · · · · · · · · · · ·	<del></del>	700				<del> </del>		
Nitralin_	<del></del>	<del> </del>	ļ				<del> </del>		
Nitrilotriacetate, trisodium monohydrate				3.5				35#	
Nitrilotriacetic acid				6.6				50 #	
5-Nitroacenaphthene				0.27				3#	
5-Nitro-o-anisidine				0.71				5#	
Nitrobenzene	3.5		5 (7-day)		(D)			#	
6-Nitrochrysene				0.00029 (93)				0.001 # (68)	
Nitroethane									
Nitrofen				0.43 (65)			0.0089	4.5 # (65)	
2-Nitrofluorene			T	0.29 (93)				0.045 # (68)	

			USEP	A Nationa	I Recom	mended /	Ambient V	Water Qua	lity Crit	eria		
		Human Healt	h and Welfare					hwater A			tion	
•		Health Effects		ancer Risk Estimate		Re		ed Criter				
	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum			icity Inform	
ORGANIC	Drinking Water	(aquatic organism		(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous		bserved Ef	
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
4,4'-Methylenebis(2-chloroaniline)			T			I	T					
4,4'-Methylenebis(N,N-												
dimethyt)aniline												ļ
4,4'-Methylenebis(2-methylaniline)			I									
4,4'-Methylenedianiline												ļ
4,4'-Methylenedianiline dihydrochloride	'											
Methyl ethyl ketone					<del></del>							
Methyl formate			<del> </del>									
Methylhydrazine			<del></del>	·			<del></del>					
Methylhydrazine sulfate				<u> </u>				1				T
Methyl isoamyl ketone			<u> </u>									
Methyl isobutyl carbinol												
Methyl isobutyl ketone (MIBK)												
Methyl isopropyl kelone		·	1									
Methyl mercaptan												1
Methyl mercury			I									1
Methyl methacrylate												
Methyl methanesulfonate						· · · · ·						
2-Methyl-1-nitroanthraquinone												
N-Methyl-N'-nitro-N- nitrosoguanidine												
N-Methylolacrylamide	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del> </del>				
Methyl parathion			<del></del>	<del> </del>	· · · · · · · · · · · · · · · · · · ·	<u> </u>		<del></del>	0.08 (152)			
Methyl n-propyl ketone	<u> </u>	<u> </u>	1	1		<u> </u>		<u> </u>		1		T
alpha-Methylstyrene		<u> </u>	T									
Methylthiouracil												L
Metolachlor	44 (8)								100 (8)			
Metribuzin	5250 (8)								100 (8)			
Metronidazole		1.2										
Michler's ketone												
Mirex			0.000093 (8)	0.000097 (8)					0.001 (51)			
Mitomycin C												
Molinate									13 (151)			
Monocrotaline						ļ — — — — — — — — — — — — — — — — — — —	7					
nitrofurfurylidene)-amino)-2- oxalolidinone												
Naled		·	1		1			1		1		1
Naphthalene				<del>                                     </del>		<del> </del>				2300	620	
2-Naphthylamine			†	<del>                                     </del>	<del></del>		<del> </del>	<del> </del>			T	
Napropamide		1	<del>                                     </del>			<del> </del>		T				
Nitralin			<b> </b>	<del>                                     </del>		1	<del> </del>	<del> </del>				
Nitrilotriacetate, trisodium			<del>                                     </del>			1	<del> </del>	<del>                                     </del>		†		
monohydrate	1	1	1	1	ŧ.	[	į	1		(		
Nitrilotriacetic acid	<del></del>	<u> </u>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	t		<del> </del>	<del> </del>	1
5-Nitroacenaphthene				1		<del> </del>	<del> </del>	<del></del>		1	1	
5-Nitro-o-anisidine		<u> </u>	<del> </del>			<del>                                     </del>	<del> </del>	1		<del></del>	1	
Nitrobenzene	17	1900	<del></del>	†"	30	<del> </del>	T	<u> </u>		27,000		
6-Nitrochrysene	<u> </u>			<del>                                     </del>	<u> </u>		<del> </del>	† · · <del>- · · · · · · · · · · · · · · · · </del>		1		
Nitroethane			<del>                                     </del>	<del> </del>		†	<del> </del>	1		1		
Nitrofen			1	<del>                                     </del>	[	1		<del> </del>		<del></del>		
2-Nitrofluorene	1	<u> </u>		T	1	† — — — — — — — — — — — — — — — — — — —		<del> </del>		T		

	T		Ca	lifornia Tox	cics Rule Cr	riteria (USEP	' A )		
			d Surface W	aters			nclosed Bay	s & Estuari	
	Human Health (3	30-day Average)	Freshwat	er Aquatic Life	Protection	Human Health	Saltwate	r Aquatic Life P	rotection
	<b>Drinking Water Sources</b>	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum	
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum
4.4'-Methylenebis(2-chloroaniline)				T	T			T	
4,4'-Methylenebis(N,N-			·						
dimethyl)aniline	<b>\</b>							1	
4,4'-Methylenebis(2-methylaniline)									
4,4'-Methylenedianiline									
4,4'-Methylenedianiline	1								
dihydrochloride	<del> </del>					<del></del>		<b></b>	
Methyl ethyl ketone	<del>}</del>			}	<del> </del>	<del> </del>			
Methyl formate	<del> </del>			ļ	ļ	<del> </del>			
Methylhydrazine	<del>                                     </del>			<u> </u>					
Methythydrazine sulfate	<del> </del>				<del>                                     </del>			ļ <u> </u>	
Methyl isoamyl ketone	<del> </del>	····		<del> </del>	<del> </del>	<del> </del>		<del> </del>	
Methyl isobutyl carbinol	<del>                                     </del>			<del></del>	<del></del>	<del> </del>	<del></del>		
Methyl isobutyl ketone (MIBK)	<del> </del>		L	<del> </del>	<del> </del>	<del>                                     </del>		<del> </del>	
Methyl isopropyl ketone	<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	
Methyl mercaptan	<del>                                     </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	
Methyl mercury	<del> </del>			<del> </del>		<del>   </del>			
Methyl methacrylate	<del></del>			<del> </del>	ļ	<del> </del>		<del></del>	
Methyl methanesulfonate	<del> </del>			<del></del>		+		<del> </del>	
2-Methyl-1-nitroanthraquinone	<del> </del>	<del></del>				<del>                -  </del>			
N-Methyl-N'-nitro-N- nitrosoguanidine	}				}				
N-Methylolacrylamide					T		<del></del>	T	
Methyl parathion						1			
Methyl n-propyl ketone									
alpha-Methylstyrene									
Methylthiouracil									
Metolachior									
Metribuzin									
Metronidazole									
Michler's ketone									
Mirex									
Mitomycin C									
Molinate									
Monocrotaline									
nitrofurfurylidene)-amino)-2-									
oxalolidínone	<del> </del>		<del> </del>		<u> </u>	<del> </del>		<del> </del>	
Naled	<del>                                     </del>				<u> </u>	<del> </del>		ļ	
Naphthalene	<del> </del>				<del></del>	<del> </del>	<del>`</del>	<u> </u>	
2-Naphthylamine	<del>                                     </del>		<u> </u>		<del> </del>	<del> </del>		ļ	
Napropamide				<del> </del>		<del> </del>		<del> </del>	<del></del>
Nitralin	ļ					<del> </del>			
Nitrilotriacetate, trisodium monohydrate									
Nitrilotriacetic acid					<del> </del>			†	
5-Nitroacenaphthene	1				1	<del>    -   -   -   -   -   -   -</del>		T	
5-Nitro-o-anisidine	<del> </del>				<del>                                     </del>	† <del>  </del>		† <del>************</del>	<del></del> _
Nitrobenzene	17 (143)	1900 (143)	<del></del>	<del></del>	<del>                                     </del>	1900 (143)		<del> </del>	<del></del>
6-Nitrochrysene	1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				<del>                                     </del>	1 .550 (143)		<del> </del>	<del></del>
Nitroethane	<del>      -   -   -   -   -</del>					<del> </del>			<del></del>
Nitrofen	<del>  </del>			<del> </del>	<del> </del>	<del>  </del>			<del></del>
2-Nitrofluorene	<del> </del>			<del> </del>	<del> </del>	<del> </del>		<del> </del>	
£-1410 011001 0110	·		L	<del></del>	<b></b>	<del></del>		·	

Numer 14-sept   Numer 14-sep		Ми		ifornia Water C			) S			al Recomme Saltwater A	quatic Life			ırla
OR OR A If If   Square (companie)   Stock		Human Health		Marine An	matic life	Protection			commend		ria	Tov	icity inform	alion
Construction   Cons	ORGANIC		6-month				Instantaneous				Instantaneous			
S.A.Mayenesias/Catrosomins	1								24-hour Average					
4 AMANY (International Content of Content							1	111111111111111111111111111111111111111	1	1			<del>                                     </del>	7
						<del> </del>							<del> </del>	<del> </del>
4 AMBRITANDISTRICT	dimethyl)aniline					<u> </u>		<u> </u>	<u> </u>	<u> </u>				
4.4 Anti-philopropierde  debyt enty interne  Methyt prices  Methyt														<b>↓</b>
deliyed-professor													<del> </del>	<del> </del>
Methyl degree	dihydrochloride		.*											
Membyrdycarae														
Marthy rispanse willake														
Methyl sodor/ seriore (MRK)														ļ
Marry insputy feathers (MBRF)						<u> </u>				<u> </u>			<u> </u>	<u> </u>
Marty sporps (14 kelone   Milks)		ļ			L									ļ
Mathy in pricary							<u></u>						<del> </del>	<del></del>
Methy merapatan					\ <u></u>			<b>-</b>					<del>                                     </del>	<del> </del>
Methy methanografies	Methyl isopropyl ketone					<del> </del>	<del> </del>	ļ	<del></del>				<del> </del>	<del> </del>
Methy methacystale		<del> </del>			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			+	+
Methy National		<del>                                     </del>				<del> </del>			<del></del>	<del> </del>			<del> </del>	+
2-Methyl-Inticaphragolinone						<del> </del> -	<del></del>	<del> </del>	<del>                                     </del>	<del> </del>			<del> </del>	<del></del>
NAMENYA Furitor-N microsquaridine		<del> </del>			<del></del>	-		<del></del>	<del> </del>	<del> </del>			+	<del></del>
Natividande								<del>                                     </del>		<del></del>			1	<del> </del>
NAMENY DIAGRAPHINE   Name   Na				ĺ					1					
Methyl parathon alpha-Metrylsyrene alpha-Metrylsyrene Methylminuzoid Metolachic Metolach		1				<u> </u>		<del></del>	<del> </del>		· · · · · · · · · · · · · · · · · · ·			1
alpha-Metrylstyrene														
Methylhouraci	Methyl n-propyl ketone													
Metiobuzin Metiopuzin Metiopuzin Metiopuzin Metiopuzin Micris kelone														
Metribuzin														
Metrolidazole         Michier's kelone         0.001 (51)         Midmicry         0.001 (51)         Midmicry         0.001 (51)         Midmicry         Midmicry         0.001 (51)         Midmicry		ļ		<u> </u>		ļ	ļ						<u> </u>	<del></del>
Michier's ketone Mirex  Micony C  Molinate Monocrotaline mirrofurfuryfidene)-amino)-2- oxaloidinone Najorinarine Naprinarine Naprinarine Naprinarine Naprinarine Nitrofuraceitae, visodium monohydrate Nitriotriaceita acid S-Nitroeanaphihene S-Nitroeanaphihene S-Nitroeanaphihene S-Nitroenaphihene S-Nit		ļl							ļ					ļ <u>-</u>
Mitoryon C		ļ		<del> </del>		<u> </u>	ļ	<del> </del>	<u> </u>				ļ	<del> </del>
Miliomycn C		ļ				<del> </del>	ļ	ļ	ļ	<u> </u>				<del></del>
Monocrolaine		<del>                                     </del>		<del> </del>	<del> </del>			ļ			0.001 (51)		<del> </del>	<del></del>
Monocrotaline		<del> </del>		<del></del>	ļ	<del></del>	<u> </u>	<del> </del>	<del> </del>	<del> </del>	<u> </u>		<del> </del>	<del> </del>
nitrofurfurylidene)-amino]-2-         aminofuriant (aminofuriant (am		<del>                                     </del>		<del></del>		<del> </del>	<del> </del>	<del> </del>	<del></del>	<del></del>	<del></del>		<del> </del>	+
oxalolidinone         Naled           Naphthalene         2350           2-Naphthylamine         2350           Napropamide         5           Nitralin         5           Nitrilotriacetate, trisodium monohydrate         5           Nitrilotriacetic acid         5           5-Nitro-o-anisidine         5           Nitroberzere         4.9           6-Nitrochysene         5           Nitroethane         5		<del>  </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	ļ			<del> </del>	+
Naled         Naphthalene         2350           2-Naphthylamine         3350           Napropamide         9           Nitralin         9           Nitralin         9           Nitridoriacetate, trisodium         9           monohydrate         9           Nitridoriacetate, trisodium         9           Mirridoriacetic acid         9           5-Nitro-anisidine         9           Nitrobenzene         4.9           6-Nitrochrysene         9           Nitrochrysene         9 </td <td>oxalolidinone</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td>ļ</td> <td></td> <td></td> <td></td> <td></td> <td></td>	oxalolidinone					1	1		ļ					
Naphthalene         2.Naphthylamine           2-Naphthylamine         3.00           Napropamide         3.00           Nitralin         3.00           Nitrilotriacetate, trisodium         3.00           monohydrate         3.00           Nitrilotriacetic acid         3.00           5-Nitro-o-anisidine         3.00           Nitrobenzene         4.9           6-Nitrochrysene         3.00           Nitroethane         4.9						1		<del> </del>	<del> </del>	<del> </del>				1
2-Naphthylamine       Napropamide         Napropamide       Nitralin         Nitralin       Image: Control of the control		1				<del> </del>	<del> </del>	<del>                                     </del>	<u> </u>	1		2350	1	<b>†</b>
Napropamide         Nitralin         Nitralin         Nitrilotriacetate, trisodium monohydrate         Nitrilotriacetic acid         Nitrilotriacetic acid         Nitrilotriacetic acid         Nitrilotriacetic acid         Nitro-o-anisidine         Nitro-o-anisidine         Nitrobenzene         6680         Nitrobenzene         Nitroethane		†t				<del>                                     </del>					<del></del>		1	
Nitralin         Nitroloriacetale, trisodium monohydrate								Ī	1					
monohydrate														
Nitriotriacetic acid														
5-Nitroacenaphthene         5-Nitro-anisidine           5-Nitro-anisidine         5-Nitro-anisidine           Nitrobenzene         4.9           6-Nitrochysene         5-Nitroethane           Nitroethane         5-Nitroethane		<del>  </del>		<del> </del>				<del> </del>	ļ				<del> </del>	<del></del>
5-Nitro-o-anisidine		<del> </del>		<del> </del>		<del> </del>	<del></del>	<del> </del>	<del> </del>				<del> </del>	<del></del>
Nitrobenzene         4.9         6680           6-Nitrochrysene         9         60           Nitroelhane         9         60		<del> </del>		<del></del>		<del>                                     </del>		<del> </del>	<del> </del>	<del> </del>			+	+
6-Nitrochrysene Nitrochrysene		10		<del> </del>		<del> </del>		6680	<del> </del>	+				
Nitroethane		4.5		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>		0000	<del> </del>	<del> </del>
		<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del></del>	<del> </del>	<del> </del>
processor		<del> </del>		<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>	<del> </del>	<del></del>
2-Nitrofluorene		<del>  </del>		t	<del> </del>	<del>                                     </del>	<del>                                     </del>	t	t	<del> </del> -			<del> </del>	<del> </del>

		<del></del>		
i i	Chemical			
	Abstracts			
<b>ì</b>	Service			
ORGANIC				
1	Registry			
CONSTITUENT	Number	<u> </u>	Synonyms and Abbreviatio	n s
4,4'-Methylenebis(2-chloroaniline)	101-14-4			
4,4'-Methylenebis(N,N-				
dimethyl)aniline	101-61-1_	4,4'-Methylenebis(N,N-dimethyl)benzeneamine	bis(p-(Dimethylanino)phenyl)methane	Michler's methane
4,4'-Methylenebis(2-methylaniline)	838-88-0	Methylenebis(ortho-toluidine)		
4,4'-Methylenedianiline	101-77-9			
4,4'-Methylenedianiline				
dihydrochloride	13552-44-8		1	
Methyl ethyl ketone	78-93-3	2-Butanone	MEK	
Methyl formate	107-31-3			
Methylhydrazine	60-34-4			
Methylhydrazine sulfate				
Methyl isoamyl ketone	110-12-3	MIAK	5-Methyl-2-hexanone	
Methyl isobutyl carbinol	108-11-2	Methylamyl alcohol	MIBC .	4-Methyl-2-pentanol
Methyl isobutyl ketone (MIBK)	108-10-1	4-Methyl-2-pentanone	МІВК	
Methyl isopropyl ketone	563-80-4	3-Methyl-2-butanone		
Methyl mercaptan	74-93-1	Methanethiol		
Methyl mercury	22967-92-6	Mercury, methyl	МеНд	
Methyl methacrylate	80-62-6			
Methyl methanesulfonate	66-27-3	MMS		<u> </u>
2-Methyl-1-nitroanthraquinone	129-15-7	2-Aminonaphthalene		<u> </u>
N-Methyl-N'-nitro-N-				
nitrosoguanidine	70-25-7	MNNG	<b>\</b>	
N-Methylolacrylamide	924-42-5			<del> </del>
Methyl parathion	298-00-0	Parathion-methyl		<del> </del>
Methyl n-propyl ketone	107-87-9	MPK	Ethyl acetone	2-Pentanone
alpha-Methylstyrene	98-83-9		[24].000.0	2-1 dittatione
Methylthiouracil	56-04-2	<del> </del>		<del> </del>
Metolachior	51218-45-2	Dual	<del></del>	<del> </del>
Metribuzin	21087-64-9	<del> </del>	<del></del>	
Metronidazole	443-48-1		··	
Michler's ketone	90-94-8	Tetramethyldiaminobenzophenone		
Mirex	2385-85-5	Dechlorane	<del></del>	<del> </del>
Mitomycin C	50-07-7	Ametycine	<del></del>	<del> </del>
Molinate	2212-67-1	Ordram		
Monocrotaline	315-22-0	Crotaline		
nitrofurfurylidene)-amino}-2-	313-22-0	- Control		<del> </del>
oxalolidinone	139-91-3	(		
Naled	300-76-5	Dibrom		<del> </del>
Naphthalene	91-20-3			<del> </del>
2-Naphthylamine	91-59-8	beta-Naphthylamine		·
Napropamide	15299-99-7	Devrinol		<del> </del>
Nitralin	4726-14-1	Planavin		<del> </del>
Nitrain Nitrilotriacetate, trisodium	4/20-14-1	[		<del> </del>
monohydrate	18662-53-8	Trisodium nitrilotriacetate	NTA	
Nitrilotriacetic acid	139-13-9	NTA	Triglycine	<del>                                     </del>
	602-87-9	INIO .	ragyone	<del> </del>
5-Nitroacenaphthene	99-59-2	Azoamine scarlet		
5-Nitro-o-anisidine	99-59-2 98-95-3	AZDAINING SCAREL		<del> </del>
Nitrobenzene		<del> </del>	<del></del>	<del> </del>
6-Nitrochrysene	7496028	<del> </del>	<del>                                     </del>	
Nitroethane	79-24-3	1	2.4.5	<del>                                     </del>
Nitrofen	1836-75-5	Nitrofene	2,4-Dichloro-1-(4-nitrophenoxy)benzene	· <del>  </del>
2-Nitrofluorene	607-57-8	<del> </del>		<u> </u>

		Drinking Water S Maximum C	Standards (Califo Contaminant Leve	ornia & Federal) els (MCLs)		California Public Health Goal (PHG) In Drinking Water (Office of Environmental	California Stal	te Action Levels	Other
ORGANIC	California Dept. o	of Health Services	U.S. E	vironmental Protection A	deuch	Health Hazard	(Department of	Health Services)	Taste & Odor
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Nitrofurazone									1
1-[(5-Nitrofurfurylidene)-amino]-2-						<del> </del>			
imidazolidinone									
N-[4-(5-Nitro-2-furyl)-2- thiazolyl]acetamide		}							
Nitroguanidine					<del></del>	<del> </del>			
Nitromethane						<del> </del>			9100 (126)
Nitrophenol						<del> </del>			1
2-Nitrophenol						- <del></del>		<del> </del>	<del> </del>
4-Nitrophenol						+		<u> </u>	
Nitrophenols						1			
1-Nitropropane					_ <del></del>				12,000 (126)
2-Nitropropane				··					53,000 (126)
1-Nitropyrene				·					
4-Nitropyrene									
Nitrosamines									
N-Nitrosodi-n-butylamine								1	
N-Nitrosodiethanolamine									
N-Nitrosodiethylamine									
N-Nitrosodimethylamine			·		· · · · · · · · · · · · · · · · · · ·		0.02 #		
N-Nitrosodiphenylamine					·				
p-Nitrosodiphenylamine									
N-Nitrosodipropylamine									
N-Nitroso-N-ethylurea									
N-Nitrosomethylethylamine									
N-Nitroso-N-methylurea									
N-Nitroso-N-methylurethane				· · · · · · · · · · · · · · · · · · ·					
N-Nitrosomethylvinylamine									
N-Nitrosomorpholine				***************************************	<del></del>				
N-Nitrosonomicotine									
N-Nitrosopiperidine									
N-Nitrosopyrrolidine									
N-Nitrososarçosine							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
m-Nitrotoluene									80 (126)
trans-Nonachlor					<del></del>				
Nonane		<del></del>						<del>                                     </del>	1.3 (126)
Nonylphenol		·					<del></del>		T
Norflurazon	·	<u> </u>							
NuStar							<del></del>		
Ochratoxin A									
Octabromodiphenyl ether									
Octane		<del>                     </del>						1	1.7 (126)
Oil & grease									
Oryzalin									
Oxadiazon			<del></del>			† <del>-</del>			
Oxamyl	200 / 50 (100)		200		200	50			
Oxychlordane		<del>  </del>						T	T
Oxyfluorfen					<del></del>			1	
Paclobutrazol			·					<del> </del>	1
PAHs								1	
Paraquat			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			<del></del>	T	1
Parathion							40	<del>                                     </del>	

	USEPA Integrated		ealth Advisories or			on Incremental		California	T
, I	Risk Information		dverse-Response		er Risk Estimate			Proposition 65	1
	System (IRIS) Reference Dose		SNARLs) r than cancer risk	Cal/EPA Cancer Potency Factor	. USEPA Integrated	USEPA Drinkling Water	National Academy of Sciences (NAS)	Regulatory Level as a	Agricultural
ORGANIC CONSTITUENT	as a Drinking Water Level (60)	USEPA	National Academy of Sciences (NAS)	as a Drinking Water Level (102)	Risk Information System (IRIS)	Health Advisory or SNARL	Drinking Water and Health	Drinking Water Level (14)	Water Quality Goals (78)
Nitrofurazone				0.027			I	0.25#	T
1-[(5-Nitrofurfurylidene)-amino]-2- imidazolidinone				0.019				0.2#	
N-[4-(5-Nitro-2-furyl)-2- thiazolyl]acetamide				0.023				0.25#	
Nitroguanidine	700	700			(D)	(D)			
Nitromethane							ļ		
Nitrophenol		<u></u>	290 (7-day)					<del></del>	ļ
2-Nitrophenol			290 (7-day,37)			<del> </del>			
4-Nitrophenol		60	290 (7-day,37)			(D)	ļ		
Nitrophenols									ļ
1-Nitropropane						·	<del> </del>	45.44.600	ļ
2-Nitropropane		<del></del>	·	0.000 (00)			<del> </del>	15 # (68)	<del> </del>
1-Nitropyrene				0.029 (93) 0.029 (93)			<del> </del>	0.3 # (68)	
4-Nitropyrene				0.029 (93)		<del></del>	<del></del>	0.015 # (68)	<del> </del>
Nitrosamines			<del> </del>	0.0032	0.006 (B2,121)	0.0004	<del> </del>		<del> </del>
N-Nitrosodi-n-butylamine N-Nitrosodiethanolamine				0.0032	0.006 (B2,121) 0.01 (B2)	0.0064	<del> </del>	0.03#	<del> </del>
			<del> </del>	0.00097	0.0002 (B2)		<del> </del>	0.15#	<del> </del>
N-Nitrosodiethylamine N-Nitrosodimethylamine				0.00097	0.0002 (B2) 0.0007 (B2)		<del> </del>	0.01#	ļ
			<del> </del>	3.9	7 (B2)		<del> </del>	0.02 #	<del> </del>
N-Nitrosodiphenylamine				1,6	(B2)		<del></del>	40#	
p-Nîtrosodiphenylamine				0.005	0.005 (B2)		<del> </del>	15#	
N-Nitrosodipropylamine N-Nitroso-N-ethylurea				0.003	0.005 (B2)		<del>  </del>	0.05 #	<del> </del>
N-Nitrosomethylethylamine				0.0013	0.002 (B2)		<del> </del>	0.015#	<del> </del>
N-Nitroso-N-methylurea				0.00029	0.002 (B2)		<del>                                     </del>	0.015 #	
N-Nitroso-N-methylurethane				0.00029			<del> </del>	0.003 # 0.003 #	
N-Nitrosomethylvinylamine				0.00032		<del></del>		0.003 #	<del> </del>
N-Nitrosomorpholine				0.0052				0.002 # (68)	<del></del>
N-Nitrosonomicotine			<del> </del>	0.0052				0.25#	<del> </del>
N-Nitrosopiperidine			<del> </del>	0.0037				0.035#	
N-Nitrosopyrrolidine		<del></del>	<del> </del>	0.017	0.02 (B2)		<del>   </del>	0.035#	<del> </del>
N-Nitrososarcosine			<del> </del>		0.02 (82)			- 2.5 # (68)	
m-Nitrotoluene			<del>   </del>					2.3 # (00)	
trans-Nonachlor			<del>                                     </del>				<del></del>		
Nonane		<del>                                     </del>	<del>  </del>			<del></del>	<del> </del>		<del> </del>
Nonylphenol			<u> </u>			<del></del>	<del></del>		<del> </del>
Norflurazon	280						<del>  </del>		<del> </del>
NuStar	5		<b> </b>			<del></del>			<del> </del>
Ochratoxin A	<u>~</u>		<del>   </del>				<del>-</del>	0.015 # (68)	<del> </del>
Octabromodiphenyl ether	21		<del>                                     </del>		(D)	<del></del>	<del> </del>	0.010 # (00)	<del> </del>
Octane							<del> </del>	<del></del>	<del> </del>
Oil & grease						<del></del>	<del> </del>		<del> </del>
Oryzalin	35				(C)		<del>  </del>	<del></del>	
Oxadiazon	35						<del></del>	#R	
Oxamyl	180	200				(E)	<del></del>	711	<del></del>
Oxychlordane			†						<del> </del>
Oxyfluorien	20						<del> </del>	<del></del>	
Paclobutrazol	91						<del> </del>		<del>                                     </del>
PAHs			<del> </del>				<del></del>		
Paraquat	32	30	59.5		(C)	(C)			<del> </del>
Parathion	4.2	<del></del>	30		(C)		<del></del>		
r oracinon		<del>'</del>	·				·		

[			USEP	A Nationa	1 Recom	mended	Ambient \	Water Qua	ility Crit	erla		
		Human Healt							quatic Li		ction	
	Non-Cancer I	Health Effects	One-in-a-Million Ca	ancer Risk Estimate		R e	commend.	ed Criter	i a			
	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum			icity Informa	
ORGANIC	Drinking Water	(aquatic organism		(aquatic organism	Taste & Odor	Concentration	1	Concentration	Instantaneous		bserved Eff	
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
Nitrofurazone												
1-[(5-Nitrofurfurylidene)-amino]-2-												1
imidazolidinone							<del> </del>					
N-[4-(5-Nitro-2-furyl)-2- thiazolyl]acetamide						<u></u>						
Nitroguanidine	ļ										<u> </u>	
Nitromethane			ļ				<b>-</b>					450 (20 09)
Nitrophenol			ļ		<del></del>		<u> </u>			230 (88)		150 (38,88)
2-Nitrophenol			<del> </del>	ļ		ļ	ļ			230 (88)	<del> </del>	150 (38.88)
4-Nitrophenol			<del> </del>	ļ		ļ	ļ			230 (88)		150 (38.88) 150 (38)
Nitrophenols			<del> </del>			<u> </u>				230		130 (36)
1-Nitropropane	}		<del></del>		<del></del>	<u> </u>	<del></del>				<del> </del>	}
2-Nitropropane	<del> </del>		<del> </del>				<del> </del>				<del> </del>	<del> </del>
1-Nitropyrene	<del>                                     </del>	ļ	<del> </del>	<del></del>		<del></del>	<del> </del> -	<del> </del>			<del> </del>	<del> </del>
4-Nitropyrene	0.0008	101	<del> </del>				<del> </del>			5850	<del> </del>	<del> </del>
Nitrosamines	0.0008	1.24	0.0004 (54)	0.507.(51)			<del></del>	<del></del>		5850 (56)		<del> </del>
N-Nitrosodi-n-butylamine	<del> </del>	<del> </del>	0.0064 (51) 0.0125 (68)	0.587 (51) 1060 (68)		<u> </u>	<del> </del>	<del> </del>		5850 (56)	<del> </del>	<del>                                     </del>
N-Nitrosodiethanolamine N-Nitrosodiethylamine	<del></del>		0.0008 (51)	1.2 (51)		<del></del>	<del> </del>			5850 (56)	<del> </del>	
N-Nitrosodimethylamine	<del> </del>	<del></del>	0.00069	8.1		<del></del>	<del> </del>		<del></del>	5850 (56)	<del>                                     </del>	
N-Nitrosodiphenylamine	<del> </del>		5.0	16	<del></del>	<del> </del>	<del> </del>	<del> </del>		5850 (56)	<del> </del>	<del> </del>
p-Nitrosodiphenylamine			3.0	10		<del> </del>	<del> </del>		ļ	5850 (56)	<del> </del>	
N-Nitrosodipropylamine	<del> </del>	<del> </del>	0.005	1,4	<del></del>			·		5850 (56)	<del> </del>	
N-Nitroso-N-ethylurea	<del> </del>		0.003	<del> </del>		<del> </del>	<del> </del>	<del> </del>		3030 (30)	<del>                                     </del>	
N-Nitrosomethylethylamine	<u> </u>		0.0016 (68)	0.219 (68)						5850 (56)	1	
N-Nitroso-N-methylurea		<del>                                     </del>	3.00.0 (00)	0.2.10 (00/		t	<del> </del>					
N-Nitroso-N-methylurethane	<del> </del>					<del></del>	<del>                                     </del>	<del></del>				
N-Nitrosomethylvinylamine										5850 (56)		
N-Nitrosomorpholine	T		†			1	T					
N-Nitrosonornicotine		,		<b></b>			<u> </u>					
N-Nitrosopiperidine				<u> </u>								
N-Nitrosopyrrolidine	†		0.016	91.9						5850 (56)		
N-Nitrososarcosine												
m-Nitrotoluene												
trans-Nonachlor												
Nonane	1											
Nonyiphenol						6.6 (68)		25.0 (68)				
Norflurazon												
NuStar												<u> </u>
Ochratoxin A												
Octabromodiphenyl ether										360 (58)	122 (58)	ļ
Octane			<u> </u>			ļ	1				ļ	<u> </u>
Oil & grease	(51,128)				(51,128)				(51,129)			<del></del>
Oryzalin							<u> </u>					<del></del>
Oxadiazon						<u> </u>					4	ļ
Oxamyt			ļ								<u> </u>	ļ
Oxychlordane	ļ <u>.</u>							ļ	<u> </u>	ļ	ļ	
Oxyfluorfen				ļ			<del> </del>				ļ	<del> </del>
Paciobutrazol		<b></b>	<del> </del>		<b></b>	<del> </del>	<del> </del>		<b> </b>		-	-
PAHs	ļ	<u> </u>	0.0044 (41)	0.049 (41)		ļ	<u> </u>					
Paraquat	-	<del> </del>	<del> </del>	ļ		ļ	<del> </del>	ļ	L	<u></u>	<del> </del>	<del> </del>
Parathion	1	<u> </u>	.1	J	L	0.013	L	0.065	l	L	1	<u> </u>

					ics Rule Cr	iteria (USE			
			d Surface W					s & Estuari	
	Human Health (3			r Aquatic Life i	rotection	Human Health		r Aquatic Life P	rotection
	Drinking Water Sources	Other Waters	Continuous	Maximum	İ	(30-day Average)	Continuous	Maximum	
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum
						T			
Nitrofurazone	<del> </del>					<del></del>			
1-[(5-Nitrofurfurylidene)-amino]-2- imidazolidinone									
N-(4-(5-Nitro-2-furyl)-2- thiazolyl]acetamide									
Nitroguanidine	1								
Nitromethane									
Nitrophenol									
2-Nitrophenol									
4-Nitrophenol	<del> </del>		77.					<del></del>	
Nitrophenols	<del> </del>	<del></del>				·			
	<del> </del>		<del></del>		···· ····				
1-Nitropropane	<del> </del>							<del></del>	<del></del>
2-Nitropropane	<del> </del>				<del></del>		<del></del>		
1-Nitropyrene	<del> </del>				<del></del>				
4-Nitropyrene	<del>                                     </del>					<del></del>	<del></del>	<del></del>	
Nitrosamines	<del></del>					<del></del>		<del> </del>	
N-Nitrosodi-n-butylamine	<del> </del>			<del></del>		<del> </del>	<del></del>		
N-Nitrosodiethanolamine	<u> </u>						<del></del>		
N-Nitrosodiethylamine	<u> </u>								
N-Nitrosodimethylamine	0.00069 (113,143)	8.1 (113,143)				8.1 (113,143)			
N-Nitrosodiphenylamine	5.0 (113,143)	16 (113,143)				16 (113,143)			
p-Nitrosodiphenylamine						<u> </u>			
N-Nitrosodipropylamine	0.005	1.4				1.4			
N-Nitroso-N-ethylurea									
N-Nitrosomethylethylamine									
N-Nitroso-N-methylurea									
N-Nitroso-N-methylurethane	1					1		I	
N-Nitrosomethylvinylamine									
N-Nitrosomorpholine	1	· · · · · · · · · · · · · · · · · · ·				<del>                                     </del>			
N-Nitrosonornicotine	<del> </del>		<del></del>			1		<del> </del>	
N-Nitrosopiperidine	<del> </del>					<del> </del>	<del></del>		
	<del>                                     </del>					<del> </del>	<del></del>	<del> </del>	
N-Nitrosopyrrolidine	1					<del>                                     </del>			
N-Nitrososarcosine	<del> </del>	<del></del>							<del></del>
m-Nitrotoluene	<del> </del>		<del></del>	<del></del>	<del></del>	<del> </del>		\	
trans-Nonachlor	<b> </b>					<del> </del>	ļ		
Nonane	ļ				<del></del>			<del></del>	
Nonylphenol	<u> </u>	· · · · · · · · · · · · · · · · · · ·			<del></del>	ļ			
Norflurazon	<u> </u>								
NuStar									
Ochratoxin A									
Octabromodiphenyl ether									
Octane									
Oil & grease	<del> </del>					I			
Oryzalin	1					T			
Oxadiazon	<del> </del>								
Oxamyl	<del>                                     </del>					<del> </del>		<del> </del>	
	<del> </del>				<del></del>	<del> </del>	<del></del>		
Oxychlordane	<del> </del>				<del></del>		<del></del>		<del></del>
Oxyfluorien	<del>                                     </del>				<del></del>	<del></del>	<del></del>	<del> </del>	
Paclobutrazol					<del></del>	<del> </del>		<b> </b>	
PAHs	ļ		<u> </u>		<del> </del>	<del></del>			
Paraquat	ļ.,			<u> </u>	<del></del>	<b></b>	<del></del> _		
Parathion	1 1		L	<u> </u>	L	<u> </u>	L	L	

		Ca	lifornia	Ocean P	lan	·	US	EPA Nation	al Recomme	nded Ambie	nt Water Q	uality Crit	eria
	N u	merical	Water C	uality C	) bjectiv	0 S	į		Saltwater A	quatic Life	Protection		
	Human Health						R e	commend					
	(30-day Average)		Marine Aq	uatic Life F	rotection		Continuous		Maximum		Toxi	city Inform	ation
ORGANIC	aquatic organism	6-month	30-day	7-day	Daily	Instantaneous	Concentration	1	Concentration	instantaneous	(Lowest O	bserved E	fect Level)
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
Nitrofurazone	TT					7	7					7	1
1-[(5-Nitrofurfurylidene)-amino]-2-	<del> </del>		<del> </del>			<del>                                     </del>	<del> </del>	<del> </del>					<del> </del>
imidazolidinone													
N-[4-(5-Nitro-2-furyl)-2- thiazolyl]acetamide													
Nitroguanidine								}					1
Nitromethane													<u> </u>
Nitrophenol		30 (86)			120 (86)	300 (86)					4850 (88)		
2-Nitrophenol		30 (86)			120 (86)	_300 (86)					4850 (88)		
4-Nitrophenol		30 (86)			120 (86)	300 (86)					4850 (88)		
Nitrophenols		30 (86)			120 (86)	300 (86)	}				4850		
1-Nitropropane													
2-Nitropropane													
1-Nitropyrene													
4-Nitropyrene													
Nitrosamines	1					1		<del> </del>			3,300,000		T
N-Nitrosodi-n-butylamine	<del></del>		1			1					3,300,000 (56)		
N-Nitrosodiethanolamine	<del> </del>					†	<del></del>				3,300,000 (56)		<u> </u>
N-Nitrosodiethylamine	<del> </del>					<del> </del>		1			3,300,000 (56)	<del></del>	<del> </del>
N-Nitrosodimethylamine	7.3#		<del> </del>			<del> </del>	<del> </del>	<del> </del>			3,300,000 (56)	<del></del>	<del> </del>
N-Nitrosodiphenylamine	2.5 #		<del> </del>		<del></del>	<del></del>		<del> </del>			3.300,000 (56)	<del> </del>	<del></del>
p-Nitrosodiphenylamine	2.5 #		<del>                                       </del>			<del></del>	<del> </del>				3.300,000 (56)	<del> </del>	<del> </del>
	<del></del>		<del></del>			<del> </del>	<del> </del>					<del> </del>	<del>                                     </del>
N-Nitrosodipropylamine	<del></del>		<del> </del>	<del></del>	<del> </del>	<del></del>	<del> </del>				3,300,000 (56)	<del> </del>	<del></del>
N-Nitroso-N-ethylurea	<del></del>		- <del></del>	ļ	<del></del>	<del></del>	<del> </del>						<del></del>
N-Nitrosomethylethylamine	<del>}</del>		<del></del>	<b></b>	<u> </u>	<del></del>	<del></del>	<u> </u>			3.300,000 (56)	<del> </del>	<del>-}</del>
N-Nitroso-N-methylurea	<del></del>					<del></del>	<del> </del>						+
N-Nitroso-N-methylurethane	<del>                                     </del>		· <del> </del>			<del> </del>	<del> </del>					<del> </del>	<del></del>
N-Nitrosomethylvinylamine	- <del> </del>		<del> </del>			<del> </del>	<del> </del>				3,300,000 (56)		<del></del>
N-Nitrosomorpholine	<del> </del>		<del></del>				L				L	ļ	
N-Nitrosonornicotine	ļ	<u>.</u>	•			<u> </u>							1
N-Nitrosopiperidine											<u> </u>		J
N-Nitrosopyrrolidine				<u></u>							3,300,000 (56)	L	<u> </u>
N-Nitrososarcosine												<u> </u>	·
m-Nitrotoluene													<u> </u>
trans-Nonachlor	0.000023 # (81)												
Nonane													
Nonylphenol							1.6 (68)		6.2 (68)				
Norflurazon			1			<u> </u>	1						
NuStar			1			T	<del> </del>	<del> </del>					
Ochratoxin A	<del> </del>		1				† — — —						7
Octabromodiphenyl ether	<del>                                     </del>		<del>                                     </del>			<del></del>	<del> </del>	1			<del>                                     </del>	1	1
Octane	<del> </del>		<del> </del>		<del></del>	<del>                                     </del>	<del> </del>	<del> </del>	ļ				<del>                                     </del>
Oil & grease	<del> </del>		25,000 (117)	40,000 (117)	<del></del>	75,000 (117)	<del> </del>	<del> </del>		(51,129)		<del> </del>	1
Oryzalin	<del> </del>		20.000 (111)	40,000 (111)		75,550 (117)		<del> </del>	<del></del>	101,120	<del> </del>	<del> </del>	·
Oxadiazon	<del> </del>		<del> </del>	<del></del>	<del> </del>	+	<del> </del>	<del> </del>	<del></del>		<del> </del>	<del> </del>	<del></del>
Oxamyl	<del>                                     </del>		<del> </del>			<del> </del>	<del> </del>	<del> </del>				<del> </del>	<del></del>
	0.000023 # (81)		<del> </del>	<del></del>	<del></del>	<del></del>	<del> </del>	ļ			<del> </del>		· <del> </del> -
Oxychlordane	0.000023 # (81)		<del> </del>	<del></del>	<del></del>	<del></del>					<del> </del>	·	<del> </del>
Oxyfluorien	<del>                                     </del>		<del> </del>				<del> </del>	ļ				<del> </del>	+
Paclobutrazol	<del>                                     </del>		<del> </del>	ļ	<u> </u>	<del> </del> _	<b></b>				<u></u>		+
PAHs	0.0088 # (33)		<del></del>			<del> </del>	ļ	ļ			300	<del> </del>	<del> </del>
Paraquat	<del> </del>		<del> </del>		ļ	<del> </del>	<u> </u>	ļ			Ļ	ļ	<del></del>
Parathion				<u> </u>	l						L	l	

	Chemical			
, ,	Abstracts	ł		
!	Service			
ORGANIC	Registry			
CONSTITUENT	Number		ynonyms and Abbreviatio	n a
Nitrofurazone	59-87-0	Biofurcina	Coxistat	Dermolural
1-{(5-Nitrofurfurylidene)-amino}-2-		1		
imidazolidinone	555-84-0	Nifuradene	NF 246	
N-(4-(5-Nitro-2-furyl)-2-		1		
thiazolyl]acetamide	531-82-8	Furathiazole	Furium	NFTA
Nitroguanidine	556-88-7			
Nitromethane	75-52-5			
Nitrophenol	25154-55-6	Mononitrophenois		
2-Nitrophenol	25154-55-7	o-Nitrophenol		
4-Nitrophenol	25154-55-8	p-Nitrophenol	<u> </u>	<del></del>
Nitrophenols	400.00.0	Phenois, nitro-	<del></del>	<del> </del>
1-Nitropropane	108-03-2	<del> </del>		<del> </del>
2-Nitropropane	79-46-9	<del> </del>	<del> </del>	
1-Nitropyrene	5522-43-0	<del> </del>	<u> </u>	<del> </del>
4-Nitropyrene	57835-92-4			<del> </del>
Nitrosamines	924-16-3	DibutyInitrosamine	DBNA	
N-Nitrosodi-n-butylamine	1116-54-7	Diethanolnitrosamine	IUGNA	
N-Nitrosodiethanolamine	55-18-5	Diethylnitrosamine	DEN	
N-Nitrosodiethylamine N-Nitrosodimethylamine	62-75-9	Dimethylnitrosamine	DMNA	NDMA
N-Nitrosodimetryjamine N-Nitrosodiphenylamine	86-30-6	Diphenylnitrosamine	Redax	NDPA
p-Nitrosodiphenylamine	156-10-5	Diphenylnitrosamine	Treda.	11012
N-Nitrosodipropylamine	621-64-7	Dipropylnitrosamine	N-Nitrosodi-n-propylamine	DPNA
N-Nitroso-N-ethylurea	759-73-9	Ethylnitrosourea	ENU	0.112
N-Nitrosomethylethylamine	10595-95-6	Methyl ethyl nitrosamine	N-Nitroso-N-methylethylamine	
N-Nitroso-N-methylurea	684-93-5	N-Nitroso-N-methylurea	Methylnitrosourea	MNU
N-Nitroso-N-methylurethane	615-53-2	Methylnitrosourethane		
N-Nitrosomethylvinylamine	4549-40-0	Methyl vinyl nitrosamine		
N-Nitrosomorpholine	59-89-2			
N-Nitrosonomicotine	16543-55-8	<u> </u>		
N-Nitrosopiperidine	100-75-4	-3-		
N-Nitrosopyrrolidine	930-55-2			
N-Nitrososarcosine	13256-22-9			
m-Nitrotoluene	1321-12-6	m-Methytnitrobenzene		
trans-Nonachlor	39765-80-5	Nonachior		
Nonane	111-84-2			
Nonylphenol	104405; 136834			
Norflurazon	27314-13-2	Azinone		
NuStar	85509-19-9	DPX-H6573		
Ochratoxin A	303-47-9			
Octabromodiphenyl ether	32536-52-0			
Octane	111-65-9			
Oil & grease		Oil	Grease	
Oryzalin	19044-88-3			
Oxadiazon	19666-30-9			
Oxamyl	23135-22-0	Vydate		
Oxychlordane	27304-13-8			
Oxyfluorfen	42874-03-3	Goal		
Paclobutrazol	76738-62-0			
PAHs		Polynuclear aromatic hydrocarbons	PNAs	
Paraquat	1910-42-5	Ortho paraquat		
Parathion	56-38-2	Ethyl parathion	Thiophos	
		<del></del>		<del></del>

		Maximum	Contaminant Lev	fornia & Federai) veis (MCLs)	California Public Health Goal (PHG) in Drinking Water (Office of Environmental	California St	Other Taste & Odor		
ORGANIC [		of Health Services		Environmental Protection A	Agency	Health Hazard	(Department	of Health Services)	Taste & Odor
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Pendimethalin		T		T		<del></del>		<del></del>	
Pentabromodiphenyl ether	<del></del>					<del>                                     </del>			
Pentachlorobenzene						+			
Pentachloroethane								\	
Pentachloronitrobenzene			<u> </u>			<del>                                     </del>	20		
Pentachlorophenol	1		1		zero	0.4			30 (125)
Pentane						1			22 (126)
Permethrin	<del></del>		<del></del>		<del></del>	1			
Phenacetin			1						
Phenanthrene	<del></del>		<del>                                     </del>					<del></del>	
Phenazopyridine	<del></del>	T	<del> </del>	T				·   · · · · · · · · · · · · · · · · · ·	
Phenazopyridine hydrochloride		† <del></del>			<del></del>			<del> </del>	
Phenesterin				<u> </u>				<u> </u>	
Phenmedipham		}	1	T			<del></del>	<u> </u>	
Phenobarbital						1			
Phenol			T			1	4200	5 (39)	7900 (126)
Phenois, non-chlorinated			1	Ĭ				<del></del>	
Phenoxybenzamine									
Phenoxybenzamine hydrochloride	····	1	1						
m-Phenylenediamine					· · · · · · · · · · · · · · · · · · ·				
Phenyl ether									180 (126)
Phenyl glycidyl ether						T			l
Phenylhydrazine									
Phenylhydrazine hydrochloride				T"					
Phenyl mercaptan									0.28 (126)
Phenylmercuric acetate									
o-Phenylphenate, sodium									
Phorate									
Phosmet									
Phthalate esters									
Phthalic anhydride									
Picloram	500		500		500	500			
Pirimiphos-methyl									
Poligeenan									
Polybrominated biphenyls		<u> </u>							
Polychlorinated biphenyls	0.5		0.5		zero				1
Ponceau MC		<u> </u>							
Ponceau 3R			<u> </u>						
Procarbazine									
Procarbazine hydrochloride			<u> </u>	ļ					ļ
Prochloraz									
Prometon				<del> </del>					<del></del>
Prometryn			ļ						
Pronamide									ļ
Propachlor				<del></del>					
Propane		1		<u> </u>				_	1000 (126)
1,3-Propane sultone			1	<del></del>					ļ
Propanil									[
Propargite							-		
Propargyl alcohol									
Propazine				<del></del>					
Propham		<u> </u>			<u> </u>				L

	USEPA Integrated Drinking Water Health Advisories or Risk Information Suggested No-Adverse-Response			Cane		on Incremental	Water	California Proposition 65	
ORGANIC	System (IRIS) Reference Dose as a Drinking	Levels (	SNARLs) r than cancer risk National Academy	Cal/EPA Cancer Potency Factor as a Drinking	USEPA Integrated Risk Information	USEPA Drinking Water Health Advisory	National Academy of Sciences (NAS) Drinking Water	Regulatory Level as a Drinking Water	Agricultural Water Quality
CONSTITUENT	Water Level (60)	USEPA	of Sciences (NAS)	Water Level (102)	System (IRIS)	or SNARL	and Health	Level (14)	Goals (78)
			O Ociences (IVAS)		System (IKIS)	O SIVARE	and meanin		
Pendimethalin	280	·	<b></b>		L	<u> </u>			
Pentabromodiphenyl ether	14				(D)				
Pentachiorobenzene	6				(D)	·	ļ <u></u>		
Pentachloroethane						ļ	<del></del>	<del> </del>	····
Pentachtoronitrobenzene	21	200 (40 4)	6 (24 (7)	0.43	4.2 (02)	0.0 (00)	3.6	<del> </del>	
Pentachlorophenol		300 (10-day)	6 / 21 (7)	0.43	0.3 (B2)	0.3 (82)	<del>}</del>	20#	
Pentane Permethrin	350		<del> </del>			<del></del>			
Phenacetin	350	<del> </del>	<del>                                     </del>	16	<del></del>		<del> </del>	150#	
Phenanthrene			<del> </del>		(D)	(D)	<del> </del>	130 #	
Phenazopyridine			<del> </del>	0.21		(0)	<del> </del>	2#	<del></del>
Phenazopyridine hydrochloride				0.23		<del></del>	<del> </del>	2.5 #	
Phenesterin			T	0.00023		<del></del>	†	0.0025#	<del></del>
Phenmedipham	1800							1	
Phenobarbital				0,076			†	1#	
Phenol	4200	4000 (68)	1		(D)	(D.68)		1	
Phenols, non-chlorinated					l		<del> </del>	1	
Phenoxybenzamine				0.011				0.1#	
Phenoxybenzamine hydrochloride				0.013			<u> </u>	0.15#	
m-Phenylenediamine	42		,						
Phenyl ether							† · · · · · · · · · · · · · · · · · · ·		
Phenyl glycidyl ether								2.5 # (68)	
Phenylhydrazine								0.3 # (68)	
Phenylhydrazine hydrochloride								0.4 # (68)	
Phenyl mercaptan								1	
Phenylmercuric acetate	0.6								
o-Phenylphenate, sodium				12				100#	
Phorate			0.7						
Phosmet	140								
Phthalate esters									
Phthalic anhydride	14,000								
Picloram	490	500	1050			(D)			
Pirimiphos-methyl	70								
Poligeenan								100 # (68)	
Polybrominated biphenyls	<u></u> _			0.0012				0.01 #R	
Polychlorinated biphenyls	ļ		50 (7-day)	0.007	0.1 (B2)	0.1 (B2,68)	0.16 (69)	0.045 / 0.05 #R (68,108)	<del></del>
Ponceau MC		<del></del>	ļ	7.8			ļ	100 #	
Ponceau 3R	ļ		<del> </del>	2.2			<del> </del>	20#	····
Procarbazine	ļ <u>-</u>		ļ	0.0025	<del></del>		<u> </u>	0.025 #	
Procarbazine hydrochloride			<del> </del>	0.0029	42 (2)		<del> </del>	0.03 #R	
Prochloraz	6.3	100	<del></del>	·····	0.2 (C)	<del></del>	<del> </del>	<del></del>	
Prometon	110	100	<del> </del>		<del></del>	(D)	<del> </del>	<del>                                     </del>	
Prometryn	28	50	<del> </del>			(6)	<del> </del>	<del> </del>	
Pronamide	53 91	90	700			(C)	<del> </del>	#	
Propachior	91	30	/00			(D)	<del> </del>	<del> </del>	
Propane	<del></del>		<del> </del>	0.015		<del> </del>		245#	
1,3-Propane sultone	35	<del></del>	140	0.015		<del> </del>		0.15#	
Propanil		<del></del>	140			<del> </del>		45	
Propargite	140	<del></del>	<del> </del>	······································		<del> </del>	<del> </del>	#R	
Propargyl alcohol	14	10	325			(C)	<del> </del>	<del> </del>	····
Propazine Propham	140	100	323			(C) (D)	<del> </del>	<del> </del>	
(Fruprian)	1 140	100	L			. (0)	L	<del></del>	<del></del>

			USEP	A_Nationa	I Recom	mended	Ambient \	Water Qua	ility Crit	eria		
		Human Healt	h and Welfare	Protection				hwater A			tlon	
		Health Effects		ancer Risk Estimate		Re		ed Criter				
•	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum			icity Informa	
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous	(Lowest C	bserved Eff	ect Level)
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
Pendimethalin		7		(				7				
Pentabromodiphenyl ether	<del> </del>	<del> </del>	<del> </del>			<del></del>				360 (58)	122 (58)	<del></del>
Pentachlorobenzene	3.5	4,1	<del> </del>	<del> </del>			<u> </u>			250 (22)	122 (36)	50 (22.23)
Pentachloroethane	3.3	<del></del>	<del> </del>							7240	1100	30 (22.23)
Pentachloronitrobenzene			<del> </del>	i						7240		<del> </del>
Pentachiorophenol	<del></del>	<del></del>	0.28	8.2	30	see page 91		see page 91				<del></del>
Pentane	<del> </del>	<del> </del>	0.28	0.2		see page 91	<b></b>	see page 31			· · · · · · · · · · · · · · · · · · ·	<del> </del>
Permethrin	<del> </del>	<del></del>	<del> </del>	<del> </del>			<del></del>					<del> </del>
Phenacetin	<del> </del>	<del> </del>	<del> </del>				<del></del>					<del></del>
Phenanthrene	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>						<del> </del>
Phenazopyridine	<del> </del>	<del>}</del>		·		<del> </del>	<b></b>				<del></del>	<del> </del>
Phenazopyridine hydrochloride	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>		<del> </del>				<del> </del>
Phenesterin	<del> </del>	<del> </del>	<del> </del>	<del> </del>				ļ			<del></del>	<del></del>
Phenmedipham	<del> </del>	<del> </del>	<del> </del>	<del>   </del>				<u> </u>				<del> </del>
Phenobarbital	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>		<del> </del>	<del></del>	<del> </del>			<del></del>	<del></del>
Phenol	21,000	4,600,000	<del> </del>	<del> </del>	300	<del>                                     </del>				10,200	2560	<del> </del>
Phenois, non-chlorinated	21,000	4.000,000	<del> </del>	<del> </del>	300	<del>}</del>		ļ		10,200	2300	<del> </del>
Phenoxybenzamine	<del>}</del>	<del>}</del>	<del> </del>	<del> </del>		<del> </del>		<del> </del>			<del></del>	<del> </del>
Phenoxybenzamine hydrochloride	<del></del>	<del> </del>	<del></del>	<del> </del>		<del></del>					<del></del>	<del> </del>
m-Phenylenediamine	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del></del>				<del> </del>	<del> </del>
Phenyl ether	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	·			<del></del>	<del></del>	<del> </del>
Phenyl glyddyl ether	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>		<del></del>		<del> </del>	<del></del>	<del> </del>
Phenylhydrazine	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	····			·	<del> </del>
Phenylhydrazine hydrochloride		<del> </del>	<del> </del>	<del>                                     </del>		<del> </del>		<del></del>	<del></del>	<del></del>	<del></del>	<del> </del>
Phenyl mercaptan	<del></del>	<del> </del>	<del> </del>	<del> </del>		<del></del>		<del></del>	<del></del> -		<del> </del>	<del> </del>
Phenylmercuric acetate	<del>                                     </del>	· · · · · · · · · · · · · · · · · · ·	<del> </del>	<del> </del>			·	<del> </del>	<del></del>		<del> </del>	<del> </del>
o-Phenylphenate, sodium	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>		<del>                                     </del>		<del></del>	·	+
Phorate	<del></del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>		<del>                                     </del>				<del></del>
Phosmet	<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del></del>	· · · · · · · · · · · · · · · · · · ·		<del> </del>	<del> </del>	+
Phthalate esters	<del> </del>	<del> </del>	<del> </del>	<del> </del>				<del> </del>	<del></del>	940	3	+
Phthalic anhydride	<del> </del>		<del> </del>	<del> </del>		<del> </del>	<del></del>	-		340	<del> </del>	+
Picloram	<del> </del>	<del> </del>	<del> </del>	·	<del></del>	<del> </del>		<del> </del>		<del> </del>	<del> </del>	+
Pirimiphos-methyl	<del> </del>	<del> </del>	<del> </del>	· · · · · · · · · · · · · · · · · · ·		<del> </del>		<del></del>		<del></del>		<del> </del>
Poligeenan	<del> </del>	<del></del>	<del></del>	<del> </del>	<del></del>			<del>                                     </del>		<del>}</del>		<del> </del>
Polybrominated biphenyls	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>		<del> </del>	<del></del>		<del></del>	+
Polychlorinated biphenyls	<del></del>	<del> </del>	0.00017 (118)	0.00017 (118)		0.014 (114,116)	<del> </del>	<del> </del>	<del></del>	2	<del> </del>	<del> </del>
Ponceau MC	<del> </del>	<del> </del>	0.00017 (110)	0.00017 (110)		0.014 (114,110)	<del> </del>	<del> </del>		<del> </del>	<del> </del>	+
Ponceau 3R	<del></del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>		<del></del>		+
Procarbazine	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del>_</del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	+
Procarbazine hydrochloride	<del> </del>	<del> </del>	<del> </del>		<del></del>	<del> </del>	<del> </del>	<del> </del>	<del></del>		<del></del>	+
Prochloraz	<del>                                     </del>	<del> </del>	<del>}</del>	<del> </del>	<del></del>	<del></del>	<del> </del>	<del> </del>		<del>}</del>	<del> </del>	1
Prometon	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>	<del> </del>	<del>}</del>	<del></del>	<del> </del>		<del> </del>
Prometryn	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	+
Pronamide	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del>                                     </del>			<del> </del>	<del></del>	<del> </del>	+
Propachior	466 (8)	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del>                                     </del>	8 (8)	<del> </del>	<del> </del>	+
Propane	400 (8)	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del></del>	-	<del> </del>	0 (0)		<del> </del>	+
1,3-Propane sultone	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		+
Propanil	<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del></del>	+
	<del> </del>	<del> </del>	<del> </del>			<u> </u>		<del> </del>	<del>                                     </del>	<del></del>		+
Propargite Propargyl alcohol	<del> </del>	<del> </del>	<del> </del>			<del></del>	<del> </del>	<del></del>		<del></del>		+
Propargyl alconol	<del> </del>	<del> </del>		<del> </del>		<del> </del>	<del></del>	<del> </del>		<del></del>		<del> </del>
	+	<del>                                     </del>	<del> </del>			<del></del>	<del></del>	<del> </del>		<del></del>		<del> </del>
Propham		J	<del></del>	<del></del>	L	l	L	L	L		L	L

					ics Rule Cr	iteria (USEF			
			d Surface W					s & Estuari	
		30-day Average)		r Aquatic Life F	rotection	Human Health		r Aquatic Life P	rotection
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum	
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	instantaneous
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum
Pendimethalin		<u> </u>							
Pentabromodiphenyl ether									
Pentachlorobenzene			<u></u>						
Pentachloroethane	<del> </del>					<u> </u>			
Pentachloronitrobenzene	<del> </del>								
Pentachlorophenol	0.28 (113)	8.2 (113)	see page 91	see page 91		8.2 (113)	7.9	13	
Pentane									
Permethrin									
Phenacetin									
Phenanthrene									
Phenazopyridine									
Phenazopyridine hydrochloride	<del> </del>		<del></del>		<del></del>		<del> </del>		
Phenesterin	<del> </del>								
Phenmedipham					<del></del>	<u> </u>	<del> </del>		
Phenobarbital	<del> </del>								
Phenol	21,000	4,600,000				4,600,000			
Phenols, non-chlorinated	<u> </u>			<del></del>		· · · · · · · · · · · · · · · · · · ·			
Phenoxybenzamine						<del> </del>			
Phenoxybenzamine hydrochloride						<del> </del>			
m-Phenylenediamine				,					
Phenyl ether						<del> </del>	<del></del>		
Phenyl glycidyl ether									
Phenylhydrazine						······································		<del> </del>	
Phenylhydrazine hydrochloride						<u> </u>			
Phenyl mercaptan						1			
Phenylmercuric acetate	<del> </del>					<del>                                     </del>		1	
o-Phenylphenate, sodium									
Phorate							<del></del>		
Phosmet	<del> </del>								
Phthalate esters	<del>                                     </del>					<del> </del>			
Phthalic anhydride						<del> </del>			
Picloram		-				<del>                                     </del>			
Pirimiphos-methyl						T		· · · · · · · · · · · · · · · · · · ·	
Poligeenan	<del> </del>					<del> </del>	<del></del>	<del> </del>	
Polybrominated biphenyls								ļ —————	
Polychlorinated biphenyls	0.00017 (113)	0.00017 (113)	0.014 (114,116)			<del>                                     </del>	0.03 (114,116)		
Ponceau MC	1					1			
Ponceau 3R	<del>                                     </del>								
Procarbazine	<del> </del>					1			
Procarbazine hydrochloride	<del>                                     </del>	<u> </u>				T	<del> </del>	<del> </del>	
Prochloraz	<del> </del>	<del></del>	<del></del>			† <del></del>			
Prometon	<del> </del>	<u> </u>	<del>-</del>					<del> </del>	
Prometryn	<del> </del>				<del></del>				
Pronamide	<del>                                     </del>	<del></del>				<del>                                     </del>	<del></del>	<del> </del>	
Propachior	<del> </del>	<del> </del>				†	<del> </del>		
Propane	<del> </del>	<del> </del>				<del>                                     </del>	<del> </del>	<del></del>	
1,3-Propane sultone	<del> </del>	<u> </u>	<del></del>			<del> </del>	<del></del>		
Propanil	+	<del> </del>		<del></del>	<del></del>	<del> </del>		<del> </del>	
	<del> </del>	<u></u>				<del> </del>	<del></del>	<del></del>	
Propargite	<del></del>	<del> </del>		<del></del>		<del> </del>			
Propargyl alcohol	<del> </del>	<del> </del>	<del></del>			<del> </del>	<del></del>	<del> </del>	
Propazine	<del></del>	ļ	<del> </del>	<del> </del>		<del> </del>	<del></del>	<del></del>	
Propham	<u></u>	L	L	<u> </u>		<del></del>	L	L	

Part   Part		Nu		lifornia Water C			e s	US	EPA Nation	al Recomme Saltwater A				arla
OR OR A I I C   Contemplate on your services   Contemplate o									commend		rla			
COMESTIVERITY   Computation on Marketin   Average   Maximum   Ma	ORGANIC		6-month				Instantaneous				Instantaneous			
Participation and Participatio	CONSTITUENT	consumption only	Median	Average		Maximum	1		24-hour Average		Maximum	Acute	Chronic	Other
Paractive principal	Pendimethalin					T	T	T					1	T
Parente proprietation	Pentabromodiphenyl ether					† <del></del>	<del> </del>							
Personal Companies	Pentachlorobenzene					T						160 (22)	129 (22)	
Parente	Pentachloroethane											390	281	
Parameter	Pentachloronitrobenzene													
Pamelprine	Pentachiorophenol		1 (87)			4 (87)	10 (87)	7.9		13				
Penastories	Pentane													
Penastoprished   0,008 # (3)	Permethrin													
Pinasapyrijdene	Phenacetin													
Pinnangsprinn   Pinnangsprin	Phenanthrene	0.0088 # (33)										300 (52)		
Paneragiptam	Phenazopyridine													
Phenocalpitian	Phenazopyridine hydrochloride					I								
Penedaritial														
Panel	Phenmedipham													
Pinends, non-chlorenated   30   120   300	Phenobarbital													
Pinensy, non-chlorinated   30   120   300			30 (86)			120 (86)	300 (86)		T			5800		
Penanty-programme   your processor	Phenois, non-chlorinated		30			120								
m-Phenylaredismine	Phenoxybenzamine					1								
Pinery sylvidy shelf														
Pinery by distrier	m-Phenylenediamine			1		ų								
Pinery Mysdra State	Phenyl ether													T
Peneryhydrazine   Peneryhydrazine   Peneryhydrazine   Peneryhydrazine   Peneryhydrazine   Peneryhdrocholode   Peneryhdrochol									1					1
Phentymeration bydrochloride								1						
Pheny marcaplan					1									
C-Prenylphanate, sodium   C-Prenylphanate,									<del></del>					
Phorate	Phenylmercunc acetate													
Phorate	o-Phenylphenate, sodium						1							
Phihalate esters														
Phihatic anhydride	Phosmet					1							1	T
Pirimphos-methy  Pirimphos-methy  Pirimphos-methy  Polyprominated biphenyls	Phthalate esters		· •	á.								2944		3.4 (38)
Primiphos-methyl   Poligeanan   Polybrominated biphenyls   Polybrominated	Phthatic anhydride					T						1		
Polybromrated biptenryls	Picloram													
Polybrominated biphenyls	Pirimiphos-methyl					T								
Polychlorinated biphenyls   0.00019 # (118)   10					1				<del></del>					
Ponceau MC   Ponceau AR	Polybrominated biphenyls													T
Ponceau 3R         9rocarbazine <td>Polychlorinated biphenyls</td> <td>0.000019 # (118)</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>0.03 (114,116)</td> <td>1</td> <td></td> <td></td> <td>10</td> <td></td> <td></td>	Polychlorinated biphenyls	0.000019 # (118)				1		0.03 (114,116)	1			10		
Procarbazine	Ponceau MC			1			1							
Procarbazine hydrochloride         9	Ponceau 3R													
Procarbazine hydrochloride         9				T		T	7	1	1	T	.,			
Prometon									T					
Prometon	Prochloraz								T	T				
Propardide	Prometon													
Pronamide	Prometryn								T					
Propane         1,3-Propane sultone           Propanil            Propargite            Propargyl alcohol				T			I							
Propane         1,3-Propane sultone           Propanil            Propargite            Propargyl alcohol	Propachior	1		1			7							
1,3-Propane sultone				T.	1.					1				
Propanil				1	ì			T						
Propargite Propargyl alcohol Propargyl alcohol	·	1		1	1	1	<del>                                     </del>	1	1	T				
Propargyl alcohol Propargyl alcohol		1		<del> </del>	1	1	T	T		1			I	
		1	······································				1	1	<del>                                     </del>	1			1	1
	Propazine	<del>                                     </del>		<del>                                     </del>	<del>                                     </del>	1	T	1	T				1	1
Propham				<del> </del>	1	1	<del> </del>	1	<del></del>				1	1

	<del></del>	T		
	Chemical			
	Abstracts			
	Service	1		
ORGANIC	Registry	1		
CONSTITUENT	Number		ynonym_s and Abbreviatio	n e
CONSTITUENT			y nonyms and Abbreviatio	11 3
Pendimethalin	40487-42-1	Prowl		
Pentabromodiphenyl ether	32534-81-9			
Pentachlorobenzene	608-93-5			
Pentachloroethane	76-01-7			
Pentachloronitrobenzene	82-68-8	PCNB	Terractor	Quintozine
Pentachlorophenol	87-86-5	PCP	Penta	
Pentane	109-66-0			ļ
Permethrin	52645-53-1			
Phenacelin	62-44-2			
Phenanthrene	85-01-8			a polynuclear aromatic hydrocarbon
Phenazopyridine	94-78-0	2,6-Diamino-3-phenylazopyridine	Diridone	
Phenazopyridine hydrochloride	136-40-3	2,6-Diamino-3-phenylazopyridine hydrochloride		
Pheneslerin	3546109	Chloroethylaminobenzeneacetate		
Phenmedipham	13684-63-4	Betanal		<u> </u>
Phenobarbital	50-06-6			
Phenol	108-95-2		<u> </u>	
Phenois, non-chlorinated			<u> </u>	
Phenoxybenzamine	59-96-1	Bensylyte		
Phenoxybenzamine hydrochloride	63-92-3	Dibenzyline hydrochloride		
m-Phenylenediamine	108-45-2	1,3-Diaminobenzene	Direct Brown BR	Direct Brown GG
Phenyl ether	101-84-8	Diphenyl ether		
Phenyl glycidyl ether	122-60-1			
Phenylhydrazine	100-63-0			
Phenylhydrazine hydrochloride	59-88-1			
Phenyl mercaptan	108-98-5	Thiophenol		
Phenylmercuric acetate	62-38-4			
o-Phenylphenale, sodium	132-27-4	Sodium o-phenylphenate	Stop Mold	Steri-Seal
Phorate	298-02-2	Thimet		
Phosmet	732-11-6			
Phthalate esters		Phthalates	Phthalate acid esters (PAEs)	
Phthalic anhydride	85-44-9			
Picloram	1918021	Tordon	<del> </del>	\
Pirimiphos-methyl	29232-93-7	<b></b>	<del> </del>	
Poligeenan	53973981	200	<del> </del>	
Polybrominated biphenyls	4220 25 5	PBBs	<del> </del>	<del> </del>
Polychlorinated biphenyls	1336-36-3	PCBs		
Ponceau MC	3761-53-3	D&C Red No. 5	Ponceau MX	
Ponceau 3R	3564098	FD&C Red No. 1	\	<del></del>
Procarbazine	671-16-9	1-Methyl-2-(p-(isopropylcarbamoyl)benzyl)hydrazine	MIH	<del></del>
Procarbazine hydrochloride	366-70-1	DTG 40549	<del> </del>	
Prochloraz	67747-09-5	BTS 40542	\	
Prometon	1610-18-0	Gesafram 50	Methoxypropazine	Pramitol
Prometryn	7287-19-6	<del> </del>	<u></u>	
Pronamide	23950-58-5	Kerb	Propyzamide	
Propachlor	1918-16-7	Ramrod	<del> </del>	
Propane	74-98-6	<del> </del>	<del> </del>	
1,3-Propane sullone	1120-71-4	<del></del>	<u> </u>	
Propanil	709-98-8	<u> </u>		
Propargite	2312-35-8	Omite	<del> </del>	
Propargyl alcohol	107-19-7	2-Propynol	<u> </u>	
Propazine	139-40-2	Milogard		
Propham	122-42-9	Profam	Prophos	<u> </u>

ORGANIC	California Dept.	Drinking Water Maximum of Health Services	Contaminant Lev	ornia & Federal) els (MCLs) nvironmental Protection A		California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard	California St (Department c	Other Taste & Odor	
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Propiconazole						7			
beta-Propiolactone	<del></del>	<del> </del>	<del></del>		<del></del>	<del> </del>	<del></del>		
Propionic acid						<del> </del>		<del></del>	28,000 (126)
n-Propyl acetate						<del> </del>		<del> </del>	310 (126).
n-Propyl alcohol				·		<del> </del>			23,000 (126)
Propylene		<del> </del>		<del></del>		<del></del>			28 (126)
Propyleneimine		<del>                                     </del>					<del></del>		20 (120)
Propylene oxide		<del> </del>	<del></del>			<del> </del>		<del> </del>	31,000 (126)
n-Propyl nitrate		<del> </del>	<del></del>	<del> </del>	<del></del>	<del> </del>			15.000 (126)
Propylthiouracil		<del> </del>		<del></del>		<del> </del>			15.000 (120)
Pursuit		1		<del> </del>	<del></del>			<del> </del>	
Pydrin		†···		<del> </del>		<del>+</del>		<del></del>	
Pyrene		1				<del> </del>			<del></del>
Pyridine			<del></del>	<del></del>	<del></del>	<del> </del>		<del></del>	950 (126)
Quinalphos		<del> </del>		<del></del>	<del></del>	<del> </del>		<del></del>	000 (1287
Quinone		† <del></del>		<del> </del>	<del></del>	<del> </del>	<del></del>	<del> </del>	9300 (126)
RDX (Cyclonite)		<del></del>		<del>}</del>	<del> </del>	<del> </del>		<del></del>	
Reserpine					<del></del>	<del> </del>			<del></del>
Resmethrin		†		†		<del> </del>		<del> </del>	
Resorcinol			77		<del></del>	<del> </del>		<del></del>	
Rotenone						<del> </del>			
Saccharin		† ·			<del> </del>	<del>                                   </del>			
Safrole		† · · · · · · · · · · · · · · · · · · ·		<u> </u>		1			<del>                                     </del>
Savey		1	·	-		<del> </del>	·····		<del> </del>
Sethoxydim		1			<del> </del>	<del> </del>			
Simazine	4	<u> </u>	4		4	0.4 (100)		<del></del>	
Sodium diethyldithiocarbamate					· · · · · · · · · · · · · · · · · · ·	9.41,007		<del></del>	<del> </del>
Sodium fluoroacetate				<del> </del>	<del> </del>				
Sterigmatocystin						<del>                                     </del>			
Streptozotocin		1				<del> </del>	······································		
Strychnine				·			<del> </del>		
Styrene	100	1	100	10 (100)	100	<del> </del>			11 (126)
Styrene oxide				1		<del>                                     </del>			1
Sulfallate		† · · · · · · · · · · · · · · · · · · ·		†	<del></del>	<del> </del>	~		
Systhane			-	<del> </del>		<del> </del>			<del>                                     </del>
2,4,5-T					ļ	<del> </del>		<del></del>	<b></b>
		<u> </u>		† · · · · · · · · · · · · · · · · · · ·	<del></del>	†"			
2,3,7,8-TCDD (Dioxin)	0.00003		0.00003		zero				
Tebuthiuron						<del>                                     </del>			
Terbacil	<del></del>			<del>                                     </del>		<del> </del>			
Terbufos						<del> </del>	<del></del>		<u> </u>
Terbutryn		T		<del> </del>		<del> </del>		<del></del>	<del> </del>
1,2,4,5-Tetrachlorobenzene			<del></del>	<u> </u>		<del> </del>	<del></del>	<del>                                     </del>	
1.1,1,2-Tetrachloroethane		<del>                                     </del>		<del>                                     </del>		<del> </del>			<del> </del>
1.1.2.2-Tetrachloroethane	1	<del>                                     </del>		1	<del> </del>	<del> </del>		<del></del>	500 (126)
Tetrachloroethylene (PCE)	5		5	1	zero	0.056 (100)			170 (126)
2,3,4,6-Tetrachlorophenol	· · · · · · · · · · · · · · · · · · ·	<del></del>	<del> </del>	<del> </del>	2010	0.000 (100)	<del></del>	<del> </del>	1
2.3.5,6-Tetrachlorophenol		†"		<del>                                     </del>	<del> </del>	<del> </del>		<del> </del>	<del></del>
Tetrachlorovinphos		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>	<del> </del>
Tetraethyldithiopyrophosphate		<del> </del>	<del></del>	<del> </del>	<del></del>	<del> </del>		<del></del>	<del> </del>
Tetraethyl lead				<del> </del>	<del> </del>	<del>                                     </del>			<del> </del>
Tetranitromethane		<del> </del>		<del> </del>	·	<del>                                     </del>		<del></del>	<del></del>
1 or and othername		<del></del>	L—————————————————————————————————————	<del></del>	L	<del></del>			<del></del>

	USEPA Integrated Risk Information		lealth Advisories or Adverse-Response	Cano		on incremental as for Drinking N	Nater	California Proposition 65	
ORGANIC CONSTITUENT	System (IRIS) Reference Dose as a Drinking Water Level (60)	Levels	(SNARLs) or than cancer risk National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS) Drinking Water and Health	Regulatory Level as a Drinking Water Level (14)	Agricultural Water Quality Goals (78)
	91								
Propiconazole	91	<del></del>	<del> </del>	0.0025	<del></del>	<del></del>	<del> </del>	0.025 #	
beta-Propiolactone Propionic acid	ļ		<del> </del>	0.0023				0.023 #	
n-Propyl acetate	<del> </del>		<del> </del>				<del> </del>	·	
n-Propyl alcohol	<del> </del>		<del> </del>				<del> </del>		
Propylene									
Propyleneimine	†		<del> </del>				†	0.015 # (68)	<del></del>
Propylene oxide				0.15	0.1 (B2)			1.5 # (68)	
n-Propyl nitrate									
Propylthiouracil				0.035				0.35 #R	
Pursuit	1750								
Pydrin	175								
Pyrene	210		<u> </u>		(D)	(D)			
Pyridine	7								
Quinalphos Quinone	4		<del> </del>						
RDX (Cyclonite)	2.1	2			0.3 (C)	0.3 (C)			
Reserpine				0.0032				0.03 #	
Resmethrin	210		1					R	
Resorcinol			500 (7-day) "						
Rotenone	28		14						
Saccharin								1400 to 420,000 #	
Safrole				0.16				1.5 #	
Savey	175								
Sethoxydim	630								
Simazine	3.5	4	1505			(C)			
Sodium diethyldithiocarbamate	210								
Sodium fluoroacetate	0.14							R	
Sterigmatocystin				0.16				0.01#	
Streptozotocin	<u> </u>		<u> </u>	0.00032				0.003 #R	
Strychnine	2		<u> </u>		·				
Styrene	140	100	931			(C)			
Styrene oxide	<u> </u>		<u> </u>	0.22			ļ	2 #	
Sulfallate	4		<u> </u>	0.18			0.31	2 #	
Systhane	180		<del> </del>		<del></del>				
2,4,5-T	70	70	700			(D)	<del> </del>		
2,3,7,8-TCOD (Dioxin)		0.0001 (10-day)	0.0007	0.00000027		0.0000002 (B2)		0.0000025 #R	
Tebuthiuron	490	500				(D)			
Terbacil	91	90				(E)		R	
Terbufos		0.9	``			(0)			
Terbutryn	7								
1,2,4,5-Tetrachlorobenzene	2								
1,1,1,2-Tetrachloroethane	21	70	<u> </u>		1 (C)	1 (C)			
1,1,2,2-Tetrachloroethane		0.3	<u> </u>	0.13	0.2 (C)	0.2 (C)		1.5 #	
Tetrachloroethylene (PCE)	70	10		0.69			3.6	7#	
2,3,4,6-Tetrachlorophenol	210		ļ						
2.3,5,6-Tetrachlorophenol			ļ						
Tetrachlorovinphos	210						L		
Tetraethyldithiopyrophosphate	3.5								
Tetraethyl lead	0.0007	<u> </u>	<del></del>				L		
Tetranitromethane	<u> </u>		<u> </u>	l		L	<u> </u>	0.025 # (68)	

	T		USEP	A Nationa	I Recom	nmended .	Amblent 1	Water Qua	ility Crit	eria		
			h and Welfar	e Protection				hwater A			tlon	
	Non-Cancer I	Health Effects	One-in-a-Million C	ancer Risk Estimate		R e		ed Criter				
	Sources of	Other Waters	Sources of	Other Waters	1	Continuous		Maximum		Toxi	city Inform	ation
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous	(Lowest C	bserved Eff	ect Level)
CONSTITUENT		consumption only)		consumption only)	or Welfare	(4-day Average)	24-hour Average		Maximum	Acute	Chronic	Other
Propiconazole	7											
beta-Propiolactone	<del> </del>			<u> </u>	<del></del>	<del> </del>	<del></del>	ļ				<del> </del>
Propionic acid	<del> </del>			<del> </del>		<del> </del>	<del></del>					<del>                                     </del>
n-Propyl acetate	<del> </del>			<del></del>	<del></del>	<del>}</del>		<del> </del>				<del> </del>
n-Propyl alcohol	<del>                                     </del>				<del></del>	<del> </del>	<del> </del>			~		
Propylene	<del></del>		<del> </del>	<del> </del>		<del> </del>	<del></del>	<del> </del>				<del> </del>
Propyleneimine	<del></del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>				<del> </del>
Propylene oxide	<del> </del>		<del> </del>			<del> </del>		<del></del>				<del> </del>
n-Propyl nitrate	·		<del></del>		<del> </del>	<del>                                     </del>			·			
Propylthiouracil	<del> </del>	<del></del>	<del></del>	<del> </del>	<del> </del>	<del> </del>						<del> </del>
Pursuit	<del> </del>		<del></del>		<del> </del>	<del></del>	<del></del>					<del> </del>
Pydrin	+		<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>				<del> </del>
Pyrene	960	11,000	<del> </del>	<del> </del>	<del> </del>	<del> </del>	ļ	<del> </del>				<del> </del>
	300	11,000	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>				<del></del>
Pyridine	<del> </del>		<del></del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<b> </b>	<del></del>			<del> </del>
Quinalphos	·	<del></del>	<del> </del>	<del> </del>		ļ						<del> </del>
Quinone	<del></del>		<del>}</del>	<del>}</del>	<del>}</del>	·					<del></del>	<del> </del>
RDX (Cyclonite)	<del> </del>		<del> </del>	<del>                                     </del>		ļ	<u> </u>		<u> </u>		<u> </u>	<del> </del>
Reserpine	<del></del>		<del> </del>	ļ	<del> </del>	ļ		<u></u>		ļ		<del></del>
Resmethrin	<del>- </del>	ļ	<del> </del>	<del> </del>	ļ	<del> </del>						<del> </del>
Resorcinol	<del> </del>		<del></del>			ļ <u>-</u>	<u> </u>	<u> </u>				<del> </del>
Rotenone	<del></del>			ļ			ļ	L	10 (54)			<del> </del>
Saccharin	<del> </del>		<del> </del>				<del></del> _					<del> </del>
Safrole	<del> </del>	ļ		ļ. <u></u>								
Savey	<u> </u>		ļ									<del></del>
Sethoxydim			<del> </del>				ļ	<u> </u>				<del></del>
Simazine							ļ		10 (54)			
Sodium diethyldithiocarbamate			<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>				<del></del>
Sodium fluoroacetate	<u> </u>					<u> </u>				<u> </u>		
Sterigmatocystin			<u> </u>	<u> </u>	<del> </del>							<u> </u>
Streptozotocin												
Strychnine												
Styrene										}		
Styrene oxide												L
Sulfallate					1			T				
Systhane	1									<u> </u>		
2,4,5-T												
	`\					<del> </del>	1	<del></del>				
2,3,7,8-TCDD (Dioxin)	1		1.3 E-8	1.4 E-8					1	<0.01	< 0.00001	
Tebuthiuron	1			1	1	1		<u> </u>				
Terbacil	T		1	1	<del></del>	<del></del>		<u> </u>			l	T
Terbufos	1		<del> </del>	<del></del>	1	1				i		
Terbulryn	<del> </del>					<del> </del>	<del> </del>			<del> </del>		1
1,2,4,5-Tetrachlorobenzene	2.3	2.9	<b>———</b>	<b></b>	<del></del>		<del>                                     </del>	1		250 (22)	<del> </del>	50 (22.23)
1,1,1,2-Tetrachlorgethane	T		<del> </del>		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>		9320 (47)		1
1,1,2,2-Tetrachloroethane	·		0.17	11	t	<del> </del>	<del> </del>	<del> </del>		9320 (47)	2400	1
Tetrachloroethylene (PCE)	<del> </del>		0.8	8.85	<del></del>	<del> </del>	<del> </del>	<del> </del>		5280	840	
2,3,4,6-Tetrachlorophenol	490 (68)	3130 (68)	0.5	0.00_	1	<del> </del>	<del> </del>	<del> </del>		3200	<del></del>	<del> </del>
2.3,5,6-Tetrachlorophenol	#30 (00)	3 (30 (00)	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	ļ	<del> </del>	<del></del>	<del> </del>
Fetrachlorovinphos	+	<del></del>	<del> </del>		<del>                                     </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>
Fetrachiorovinphos  Fetraethyldithiopyrophosphate	+	<del></del>	<del> </del>		<del></del>	<del> </del>	<del> </del>	<del>                                     </del>	<del></del>	<del></del>		<del> </del>
	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del></del>	<del></del>	<del> </del>
Tetraethyl lead	<del></del>	ļ	<del> </del>	<del> </del>		<del> </del>	<del>                                     </del>		<del></del>		ļ <del></del>	<del> </del>
Tetranitromethane		L	<u> </u>		L	<u> </u>	J	L	L	L	<u> </u>	<u> </u>

			Са	lifornia_Tox	ics Rule Ci	riteria (USEP	Α)		
			d Surface W	aters		E	nclosed Bay	s & Estuario	
	Human Health (			er Aquatic Life i	rotection	Human Health		r Aquatic Life P	rotection
•	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum	
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum
Propiconazole						1	<del> </del>		
peta-Propiolactone									
Propionic acid									
n-Propyl acetate									
n-Propyl alcohol									
Propylene							<del>,</del> _	<u> </u>	
Propyleneimine								<u> </u>	
Propylene oxide	_					1		<u> </u>	
n-Propyl nitrate						<del> </del>	<del></del> _		
Propylthiouracil						<del></del>			
Pursuit	- <del></del>			<u></u>	· · · · · · · · · · · · · · · · · · ·	<del> </del>		<del> </del>	
Pydrin		44.000	<del></del>	<del> </del>	<del></del>	11,000		ļ .—	
Pyrene	960	11,000		<del> </del>	<del></del>	11,000		<del> </del>	<del></del>
Pyridine	+					<del> </del>	<del></del>	<del> </del>	
Quinalphos	<del></del>						·		
Quinone RDX (Cyclonite)	<del></del>			<del> </del>		<del> </del>			
			<del>,,</del>	<del> </del>		<del> </del>		<del></del>	
Reserpine Resmethrin			<del></del>	<del></del>	<del> </del>	+	<del></del>	<del> </del>	
Resorcinol			·			<del> </del>	<del></del>		
Rotenone	<del></del>		<del></del>	<del> </del>		<del></del>		<del> </del>	
Saccharin	<del></del>	<del></del>				<del> </del>		<del> </del>	
Safrole						<del>                                     </del>			
Savey			<del></del>	<del></del>		<del> </del>		<del> </del>	
Sethoxydim						<u> </u>			
Simazine	1				<del></del>			<del>                                     </del>	
Sodium diethyldithiocarbamate			······			<del>                      </del>		· ·	
Sodium fluoroacetate									
Sterigmatocystin	7								
Streptozotocin									
Strychnine									
Styrene									
Styrene oxide								•	
Sulfallate									
Systhane									
2,4,5-T									
2,3,7,8-TCDD (Dioxin)	0.000000013 (113,144)	0.000000014 (113,144)				0.000000014 (113,144)			
Tebuthiuron								-	
Terbacil									
Terbufos					·				
Terbutryn									
1,2,4,5-Tetrachiorobenzene									
1,1,1,2-Tetrachloroethane					<del></del>	<del> </del>		<del>   </del>	
1,1,2,2-Tetrachloroethane	0.17 (113,143)	11 (113,143)		<u> </u>		11 (113,143)		<del>   </del>	<del></del>
Tetrachloroethylene (PCE)	0.8 (113,143)	8.85 (113,143)				8.85 (113,143)		<u> </u>	
2,3,4,6-Tetrachlorophenol				<u> </u>	<u> </u>	ļ		<u> </u>	
2,3,5,6-Tetrachlorophenol						<u> </u>			· · · · · · · · · · · · · · · · · · ·
Tetrachlorovinphos						<del> </del>		<u> </u>	
Tetraethyldithiopyrophosphate						<del> </del>			·
Tetraethyl lead					<del></del>	ļ		ļ	
Tetranitromethane				L	L	<u> </u>	<del></del>	<u> </u>	····

	N C		lifornia Water (			e s	US	SEPA Nation			ient Water Quality Criteria s Protection		
	Human Health		···				Re	commend	ed Crite	ria			
	(30-day Average)		Marine Ac	uatic Life	Protection		Continuous		Maximum		Toxi	city Inform	ation
ORGANIC	aquatic organism	6-month	30-day	7-day	Daily	Instantaneous	Concentration		Concentration	Instantaneous	(Lowest O	bserved Eff	fect Level)
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
Propiconazole				7		T							T
beta-Propiolactone	1		T	<del></del>	<del> </del>	<del> </del>	<del> </del>						
Propionic acid						1		1					
n-Propyl acetate													
n-Propyl alcohol								1					
Propylene													
Propyleneimine													
Propylene oxide												<u> </u>	
n-Propyl nitrate													L
Propylthiouracil				<u> </u>		<u> </u>	ļ					<u> </u>	<del></del>
Pursuit			<u> </u>				ļ					<del></del>	
Pydrin	<b></b>			ļ	ļ. <u></u>	<del></del>	<del> </del>	ļ <u>.</u>				<del></del>	<del> </del>
Pyrene	0.0088 # (33)		<del> </del>			<del></del>	<del></del>	<del> </del>		ļ	300 (52)	<del> </del>	<del> </del>
Pyridine			<del> </del>	ļ			<del> </del>	ļ		ļ		<del></del>	<del> </del>
Quinalphos			ļ			ļ		ļ				<del></del>	<del> </del>
Quinone	<del> </del>			ļ		<del></del>		ļ				<del></del>	<del> </del>
RDX (Cyclonite)	ļ			<del></del>	<del> </del>	·	<del> </del> -	·	<u> </u>			+	<del> </del>
Reserpine	<del>                                     </del>			<del> </del>	<del>}</del>	<del> </del>	<del></del>	<del>}</del>	<b></b>	<del> </del>		<del></del>	<del> </del>
Resmethrin		20 (00)	ļ	<del> </del>	120 (86)	300 (00)	<del> </del>	<del> </del>	· · · · · · · · · · · · · · · · · · ·	<del></del>		<del></del>	
Resorcinol	<del></del>	30 (86)	<del> </del>	<del> </del>	-120 (86)	300 (86)	<del> </del>	<del>\</del>	<del></del>	<del> </del>		<del></del>	<del> </del>
Rolenone Saccharin			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>		<del></del>	<del> </del>
Safrole			<del> </del>	<del> </del>		<del> </del>	<del> </del>			<del> </del>		<del></del>	<del> </del>
Savey	-			<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>		<del> </del>		<del> </del>	<del> </del>
Sethoxydim			<del>                                     </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	<del> </del>		<del></del>	
Simazine			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>		<del> </del>	<del>                                     </del>
Sodium diethyldithiocarbamate			<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	†	<del> </del>		<del> </del>		<del></del>	<del> </del>
Sodium fluoroacetate	<del> </del>	~			<del> </del>	<del> </del>	<del>†</del>	<del> </del>					<del> </del>
Sterigmatocystin					<del>                                     </del>	<u> </u>	<u> </u>						
Streptozotocin						<del> </del>	<del> </del>	<del></del>		<del> </del>		1	
Strychnine	<del> </del>		<del>-</del>	<del>                                     </del>		1	<del> </del>	<del> </del>	t				1
Styrene						1	1		1	<u> </u>			
Styrene oxide							1	1					
Sulfallate													
Systhane							L						
2,4,5-T													<u> </u>
2,3,7,8-TCDD (Dioxin)	0.000000039 # (76)												
Tebuthiuron													
Terbacil			1										
Terbufos													
Terbutryn													
1,2,4,5-Tetrachlorobenzene											160 (22)	129 (22)	ļ
1,1,1,2-Tetrachloroethane											L		
1,1,2,2-Tetrachloroethane	1200								L		9020	<del></del>	
Tetrachloroethylene (PCE)	99#									ļ	10,200	450	
2,3,4,6-Tetrachlorophenol		1 (87)	J	ļ	4 (87)	10 (87)					440	<del></del>	ļ
2,3,5,6-Tetrachlorophenol		1 (87)			4 (87)	10 (87)				<b></b>	440	<del></del>	<u> </u>
Tetrachlorovinphos				<u> </u>	<del></del>	ļ	<del></del>	<u> </u>	<u> </u>			<del></del>	<del></del>
Tetraethyldithiopyrophosphate			<u> </u>	ļ	<del></del>	<del> </del>	ļ			<u> </u>		<del></del>	ļ
Tetraethyl lead			1	<del> </del>	<del></del>	<u> </u>			L	<del>                                     </del>	<u></u>	<del> </del>	<del></del>
Tetranitromethane		L	<u> </u>	<u></u>	<del></del>	<del></del>	<del></del>	1	L		L	<del></del>	

	<del></del>	<del></del>		<del></del>
}	Chemical	[		
	Abstracts	,		
	Service			
ORGANIC	1	i		
	Registry Number		ynonyms and Abbreviatio	
CONSTITUENT		<u></u>	ynonyms and Abbieviatio	" 5
Propiconazole	60207-90-1	Banner	<u> </u>	
beta-Propiolactone	57-57-8		<u> </u>	
Propionic acid	93-65-2	Propanoic acid	<u> </u>	<u> </u>
n-Propyl acetate	109-60-4			
n-Propyl alcohol	71-23-8	1-Propanol	<u> </u>	
Propylene	115-07-1	Propene	<u> </u>	<u> </u>
Propyleneimine	75-55-8	2-Methylaziridine		
Propylene oxide	75-56-9			<u> </u>
n-Propyl nitrate	627-13-4	NPN		
Propylthiouracil	51-52-5			
Pursuit	81335-77-5	<u> </u>		<u></u>
Pydrin	51630-58-1	Fenvalerate		
Pyrene	129-00-0	<u></u>		a polynuclear aromatic hydrocarbon
Pyridine	110-86-1	<u> </u>		
Quinalphos	13593-03-8			
Quinone	106-51-4	1,4-Benzoquinone		
RDX (Cyclonite)	121-82-4	Cyclonite	Hexogen	Hexahydro-1,3,5-trinitro-1,3,5-triazine
Reserpine	50-55-5			
Resmethrin	10453-86-8	SBP-1382		
Resorcinol	108-46-3		*	
Rotenone	83-79-4			
Saccharin	81-07-2			
Safrole	94-59-7	4-Allyl-1,2-methylenedioxybenzene	<del>}</del>	
Savey	78587-05-0	DPX-Y5893		
Sethoxydim	74051-80-2	Poast		
Simazine	122-34-9	Princep		
Sodium diethyldithiocarbamate	148-18-5	Diethyldithiocarbamate, sodium	Dithiocarb	Thiocarb
Sodium fluoroacetate	62-74-8	<u> </u>		
Sterigmatocystin	10048-13-2			<u> </u>
Streptozotocin	18883-66-4	Streptozocin		
Strychnine	57-24-9			<u> </u>
Styrene	100-42-5	Vinylbenzene		
Styrene oxide	96-09-3	1,2-Epoxyethylbenzene		
Sulfallate	95-06-7	2-Chloroallyl-diethyldithiocarbamate	CDEC	Vegadex
Systhane	88671-89-0	Rally		
2,4,5-T	93-76-5	2,4,5-Trichlorophenoxyacetic acid	·	
2.2.7.9.TCOD (Diovin)	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	Dioxin	
2,3,7,8-TCDD (Dioxin) Tebuthiuron	34014-18-1	Grasian	Perflan	Spike
Terbacil	5902-51-2	Turbacil	Sinbar	- Copine
	13071-79-9	Contraven	Counter	<del> </del>
Terbufos	886-50-0	CollingAeli	COUNTRO	
Terbutryn 1,2,4,5-Tetrachiorobenzene	95-94-3		<del> </del>	<del> </del>
	630-20-6		<del></del>	
1,1,1,2-Tetrachloroethane	79-34-5			
1,1,2,2-Tetrachloroethane	127-18-4	Tetrachioroethene	Perchloroethylene	PCE
Tetrachloroethylene (PCE)		Lensondidensus	T GONOLOGITYIGHG	I Co
2,3,4,6-Tetrachlorophenol	58-90-2			ļ
2.3,5,6-Tetrachiorophenol	935-95-5	T-tracklas inches		<u> </u>
Tetrachlorovinphos	961-11-5	Tetrachlorvinphos	<del></del>	
Tetraethyldithiopyrophosphate	3689-24-5	TEDP	1751	<del> </del>
Tetraethyl lead	78-00-2	Lead, letraethyl-	TEL	
Tetranitromethane	509-14-8			<u> </u>

ORGANIC		Maximum (	Contaminant Lev			California Public Health Goal (PHG) In Drinking Water (Office of Environmental	California Stat	Other Taste & Odor	
CONSTITUENT		of Health Services		Environmental Protection A		Health Hazard		Health Services)	
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Thioacetamide									
Thiobencarb	70	1				70 (100)			
4,4'-Thiodianiline									
Thiophanate-methyl									
Thiourea									
Thiram									
Toluene	150		1000	40 (100)	1000	150			42 (26,125)
Toluene diisocyanate_									
o-Toluidine									11,000 (126)
o-Toluidine hydrochloride									
Toxaphene	3		3		zero				140 (125)
2,4,5-TP (Silvex)	50		50		50				
Tralomethrin									
Triallate									
Triasulfuron									
1,2,4-Tribromobenzene									
TributyItin									
Trichlorfon									
Trichloroacetic acid	60 (100,106)		60 (106,147)	<u> </u>	300			<del>                                     </del>	
Trichloroacetonitrile				2				<del></del>	
1,2,4-Trichlorobenzene	70 / 5 (100)		70		70	5		<del> </del>	3000 / 64 (125,126)
1,3,5-Trichlorobenzene				1				<del></del>	
Trichlorobenzenes								<del></del>	
1,1,1-Trichloroethane	200		200		200			·	970 (126)
1,1,2-Trichloroethane	5		5		3				
Trichloroethylene (TCE)	5		5		zero	0.8			310 (126)
Trichlorofluoromethane	150					700		<del> </del>	
2,4,5-Trichlorophenol			<del></del>					<del></del>	
2,4,6-Trichlorophenol									
1,1,2-Trichloropropane			· · · · · · · · · · · · · · · · · · ·					<del></del>	
1.2,3-Trichloropropane							0.005 #	<del> </del>	
1,1,2-Trichloro-1,2,2-trifluoroethane	1200					4000		<del></del>	
Tridiphane			·			1		<del></del>	
Triethylamine		1							420 (126)
Trifluration		1						<del> </del>	
Trimethylamine		<del> </del>							0.2 (126)
1,3,5-Trimethylbenzene						<del>-     -</del>			15 (126)
1,3,5-Trinitrobenzene		<del></del>		<del> </del>					1
Trinitroglycerol		<del> </del>		<del></del>					
Trinitrophenol		<del> </del>			· · · · · · · · · · · · · · · · · · ·				
Trinitrotoluene (TNT)						<del></del>		<del>                                     </del>	
Tris(1-aziridinyl)phosphine sulfide									<del> </del>
Tris(2,3-dibromopropyl)phosphate		<del> </del>		† <del>-</del>				<del>                                     </del>	<del></del>
Trithion				T		- <del>  -</del>	7		<u> </u>
Tryptophan-P-1								<del> </del>	<del> </del>
Tryptophan-P-2		<del> </del>		† — — — — — — — — — — — — — — — — — — —		<del></del>		<del> </del>	<del></del>
Urethane		<del> </del>		<del> </del>		<del></del>		<del> </del>	<del> </del>
n-Valeraidehyde	<del></del>	<del> </del>	L	<del> </del>		<del></del>		<del> </del>	17 (126)
Vernem	<del></del>	<del> </del>		<del>                                     </del>				<del> </del>	17 17202
Vindozolin		1		<del> </del>					<del> </del>
Vindozolin Vinyl acetate		<del> </del>		<del> </del>					88 (126)
	····	<del> </del>			<del></del>				00 (120)
Vinyl bromide		· <del></del>	L	<u></u>	L	_11_		L	<u> </u>

	USEPA Integrated Drinking Water Health Advisories or Risk Information Suggested No-Adverse-Response		Cano	One-in-a-Millio er Risk Estimate	Water	California Proposition 65			
ORGANIC CONSTITUENT	System (IRIS) Reference Dose as a Drinking Water Level (60)	Levels (	SNARLs) r than cancer risk National Academy of Sciences (NAS)	Cal/EPA Cancer Potency Factor as a Drinking Water Level (102)	USEPA Integrated Risk Information System (IRIS)	USEPA Drinking Water Health Advisory or SNARL	National Academy of Sciences (NAS) Drinking Water and Health	Regulatory Level as a Drinking Water Level (14)	Agricultural Water Quality Goals (78)
Thioacetamide			1	0.0057				0.05#	1
Thiobencarb	70								
4,4'-Thiodianiline				0.0023				0.025 #	
Thiophanate-methyl	560							R	,
Thiourea				0.49				5#	
Thiram	35		35						
Toluene	1400	1000 (68)	340		(0)	(D.68)		3500 R (5)	
Toluene diisocyanate			1	0.9	***************************************		1	10#	
o-Toluidine				0.19			1	2#	
o-Toluidine hydrochloride				0.27			1	2.5 #	
Toxaphene		4 (10-day)	8.75	0.029	0.03 (82)	0.03 (B2)		0.3 #	
2,4,5-TP (Silvex)	53	50	5.25		(D)	(D)	11		
Tralomethrin	53								
Triallate	91	·							
Triasulfuron	70								
1.2.4-Tribromobenzene	35		1						
Tributyltin	2 (122)				(D.122)		1		
Trichlorfon			26 / 88 (7)						
Trichloroacetic acid		300 (68)	50 / 120 (7)		(C)	(C.68)			
Trichloroacetonitrile		50 (10-day,68)	4						
1,2,4-Trichlorobenzene	70	10		9.7	(0)	(D)			
1,3,5-Trichlorobenzene		40				(D)			
Trichlorobenzenes									
1,1,1-Trichloroethane		200	3800		(D)	(D)	17 (21)		
1,1,2-Trichlorgethane	2.8	3		0.49	0.6 (C)	0.6 (C)		5#	
Trichloroethylene (TCE)				2.3		2 (B2)	1.5 (21)	25 #	
Trichlorofluoromethane	2100	2000	8000 (7-day)			(D)			
2,4,5-Trichlorophenol	700	·				_			
2,4,6-Trichlorophenol		30 (10-day,68)	2500 (7-day)	0.5	3 (B2)	3 (B2,68)		5#	
1,1,2-Trichloropropane	35	- ·				_			
1,2,3-Trichloropropane	42	~~ 40						#	
1,1,2-Trichloro-1,2,2-trifluoroethane	210,000								
Tridiphane	21								
Triethylamine									
Trifluratin	5.3	5	700		5 (C)	5 (C)			
Trimethylamine							1		
1,3,5-Trimethylbenzene		10,000 (24-hr,68)				(D.68)			
1,3,5-Trinitrobenzene	210								
Trinitroglycerol		5				2			
Trinitrophenol			200 (7-day)						
Trinitrotoluene (TNT)	0.35	2			1 (C)	1 (C)			
Tris(1-aziridinyl)phosphine sulfide				0.0029				0.03#	
Tris(2,3-dibromopropyl)phosphate				0.015				0.15#	
Trithion									
Tryptophan-P-1				0.0013				0.015#	
Tryptophan-P-2				0.011				0.1#	
Urethane				0.035				0.35 #R	
n-Valeraidehyde						··			
Vernem	7		1				1		
Vinclozolin	180							#R	
Vinyl acetate			<b> </b>			· · · · · · · · · · · · · · · · · · ·	<del>   </del>		<del></del>
7		<del></del>	<del> </del>				<del> </del>	0.5 # (68)	

			USEP	A Nationa	I Recom	mended	Ambient 1	Water Qua	ility Crit	eria		
		Human Health						hwater A			ction	
	Non-Cancer I	Health Effects	One-in-a-Million Ca	ancer Risk Estimate		Re	commend	ed Criter	ia			
	Sources of	Other Waters	Sources of	Other Waters		Continuous	i	Maximum			icity Inform	
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous	(Lowest (	Observed Eff	
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other
Thioacetamide	r		r	T		T		<del>,</del>			T	T
Thiobencarb				<del> </del>		<del> </del>		<del> </del>	3.1 (151)			
4,4'-Thiodianiline				<b> </b>		<del> </del>		1	5(			
Thiophanate-methyl						<del>                                     </del>		<del> </del>				
Thiourea				<del></del>		<del>                                     </del>			<del></del>			
Thiram	<del> </del>			<del> </del>								
Toluene	6800	200,000								17,500		
Toluene diisocyanate		3.010.00		<del></del>			· · · · · · · · · · · · · · · · · · ·					
o-Toluidine				· · · · · · · · · · · · · · · · · · ·		<del>                                     </del>		† — — — — — — — — — — — — — — — — — — —				
o-Toluidine hydrochloride				t		<del> </del>		<del></del>				Ţ
Toxaphene			0.00073	0.00075		0.0002		0.73				
2,4,5-TP (Silvex)	10 (51)	I				1	1	·				
Tralomethrin	1	Ĭ						<del> </del>				
Triallate				<del>                                     </del>		T	1					
Triasulfuron	<del>                                     </del>					T	1					
1,2,4-Tribromobenzene	1		<u> </u>			T	1	T				
Tributyltin				1		0.063		0.46				
Trichlorion										1	T	
Trichloroacetic acid	<del>                                     </del>	<del></del>						1				
Trichloroacetonitrile				3								
1,2,4-Trichlorobenzene	260	940								250 (22)		50 (22.23)
1,3,5-Trichlorobenzene						1				250 (22)	T	50 (22.23)
Trichlorobenzenes								T		250 (22)		50 (22,23)
1,1,1-Trichloroethane										18,000		
1,1,2-Trichloroethane			0.60	42					T	18,000	9400	
Trichloroethylene (TCE)			2.7	81						45,000		21,900 (31)
Trichlorofluoromethane			0.19							11,000 (20)		<u> </u>
2,4,5-Trichlorophenol	2600	9800			1							
2,4,6-Trichlorophenol			2.1	6.5	2						970	
1,1,2-Trichloropropane												
1,2,3-Trichloropropane												
1,1,2-Trichloro-1,2,2-trifluoroethane												
Tridiphane												<u> </u>
Triethylamine												
Trifluralin											ļ	
Trimethylamine												
1,3,5-Trimethylbenzene		<u> </u>	L					1				<b></b>
1,3,5-Trinitrobenzene								1	<u> </u>		1	<del></del>
Trinitroglycerol				L			<u> </u>	1		1		
Trinitrophenol								ļ	<u> </u>	230 (88)	<del></del>	150 (38,88)
Trinitrotoluene (TNT)												<del></del>
Tris(1-aziridinyl)phosphine sulfide	<u> </u>		L							<u> </u>	<del> </del>	ļ
Tris(2,3-dibromopropyl)phosphate				<u> </u>								<del></del>
Trithion										<u> </u>	ļ	<del> </del>
Tryptophan-P-1			<u></u>			1					<del> </del>	<del> </del>
Tryptophan-P-2						<u> </u>	ļ	<u> </u>		<u> </u>	<del> </del>	<del></del>
Urethane								<u> </u>		ļ	<b></b>	<del> </del>
n-Valeraldehyde								<u> </u>	ļ			
Vernem								1	L		<u> </u>	<del> </del>
Vinclozolin		ļ	1	L		<u> </u>		<u> </u>	ļ			<del></del>
Vinyl acetate		ļ		1				ļ		ļ		
Vinyl bromide		L		1	L			1	L	<u> </u>		1

			Са	ilfornia Yox	ics Rule Cr	Iteria (USEP			
	l		d Surface W					s & Estuarie	
	Human Health (			r Aquatic Life F	rotection	Human Health		r Aquatic Life P	otection
	Drinking Water Sources	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum	
ORGANIC	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum
Thioacelamide	T T	<del></del>				T		1	
Thiobencarb	<del> </del>	<del></del>				<del> </del>		<u> </u>	
4,4'-Thiodianiline						1		1	
Thiophanate-methyl	† <del>-</del>								
Thiourea	<del> </del>								
Thiram	1								
Toluene	6800	200,000				200,000	<del></del>		
Toluene diisocyanate									
o-Toluidine									
o-Toluidine hydrochloride	1								
Toxaphene	0.00073 (113)	0.00075 (113)	0.0002	0.73		0.00075 (113)	0.0002	0.21	
2,4,5-TP (Silvex)	1								
Tralomethrin									
Triallate					<del></del>	1			
Triasulfuron									
1,2,4-Tribromobenzene								T	
Tributyltin									
Trichlorian								1	
Trichloroacelic acid	<del></del>								
Trichloroacetonitrile									
1,2,4-Trichlorobenzene									
1,3,5-Trichlorobenzene									
Trichlorobenzenes						1		1	
1,1,1-Trichloroethane		······						1	
1,1,2-Trichloroethane	0.60 (113,143)	42 (113,143)				42 (113,143)			
Trichloroethylene (TCE)	2.7 (113,143)	81 (113,143)				81 (113,143)		1	
Trichlorofluoromethane									
2,4,5-Trichlorophenol						1			
2,4,6-Trichlorophenol	2.1 (113)	6.5 (113)				6.5 (113)			
1,1,2-Trichloropropane									
1,2,3-Trichloropropane								1	
1,1,2-Trichloro-1,2,2-trifluoroethane						1			
Tridiphane								•	
Triethylamine						1		· ·	
Triffuralin						1			
Trimethylamine	1								
1,3,5-Trimethylbenzene	1		<del></del>						
1,3,5-Trinitropenzene	<del> </del>					<del> </del>		T	
Trinitroglycerol	1					7	· · · · · · · · · · · · · · · · · · ·	[.	·····
Trinitrophenol	T								
Trinitrololuene (TNT)	1					†	<del> </del>	<u> </u>	<del></del>
Tris(1-aziridinyl)phosphine sulfide									
Tris(2,3-dibromopropyl)phosphate								1	·
Trithion	<del>                                     </del>					1		1	
Tryptophan-P-1						† <del></del>			
Tryptophan-P-2	<u> </u>					1		i	
Urethane						<del>                                     </del>			
n-Valeraldehyde	†				· · · · · · · · · · · · · · · · · · ·	<del> </del>			· · · · · · · · · · · · · · · · · · ·
Vernem								T	
Vinclozolin	<del> </del>					<del> </del>		<del>  </del>	
Vinyl acelate						<del>                                     </del>		<del>                                     </del>	
Vinyl bromide	<del> </del>	<del></del>				<del>                                     </del>		<del> </del>	
vinyi bromide	4	L		<del></del>	·	<del></del>		<del></del>	

	California Ocean Plan Numerical Water Quality Objectives							USEPA National Recommended Ambient Water Quality Criteria Saltwater Aquatic Life Protection					
	Human Health						Re	commende					
ORGANIC	(30-day Average)			uatic Life		<del>1</del>	Continuous		Maximum			city inform bserved Ef	
	aquatic organism	6-month Median	30-day	7-day	Daily Maximum	Instantaneous	Concentration		Concentration	Instantaneous Maximum	Acute	Chronic	Other
	consumption only	MIGUIAN	Average	Average	Maximum	Maximum	(4-day Average)	24-hour Average (	T-HOUF AVerage)	Maximum	Acute	Cilibric	
Thioacetamide													
Thiobencarb								L					
4,4'-Thiodianiline						<u> </u>		<b></b>					
Thiophanate-methyl					<u> </u>	<u> </u>	L	ļ					
Thiourea						<del> </del>	ļ						
Thiram			ļ			<del> </del>	L						
Toluene	85,000					ļ		ļ			6300	5000	
Toluene diisocyanate						ļ	ļ					ļ	ļ
o-Toluidine						<del></del>		-					
o-Toluidine hydrochloride					<u> </u>	-	I						
Toxaphene	0.00021#		}		<del></del>		0.0002	<del>                                     </del>	0.21			<del> </del>	
2,4,5-TP (Silvex)			<del> </del>					<del></del>				<del></del>	
Traiomethrin	<del>  </del>		<del> </del>		<del> </del>	<del> </del>	ļ	<del> </del>			<del></del>		
Triallate			<del> </del>		<u> </u>	<del></del>	<del> </del>	<del>                                     </del>			<del> </del>	<del></del>	<del> </del>
Triasulfuron			<del> </del>			<del> </del>	<del> </del>	<del> </del>			<del></del>		<del> </del>
1.2.4-Tribromobenzene	0.0011		<del>}</del>		<del> </del>	<del></del>	0.010	<del> </del>	0.07	<del></del>	<del> </del>	<del> </del>	<del>                                     </del>
Tributyltin	0.0014		<del> </del>			<del> </del>	0.010	<del> </del>	0.37				
Trichlorion			<del> </del>			<del></del>		<del> </del>			<del></del>	<del> </del>	
Trichloroacetic acid			<del> </del>		<del></del>	<del></del>	<del> </del>	<del>}</del>			ļ		<del> </del>
Trichloroacetonitrile			<del> </del>			<del></del>		<del> </del>			100 (22)	129 (22)	<del> </del>
1,2,4-Trichlorobenzene			<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>			160 (22)	129 (22)	<del></del>
1,3,5-Trichlorobenzene			·			<del> </del>	<del> </del>	<del> </del>			160 (22)	129 (22)	<del> </del>
Trichlorobenzenes	540,000		<del> </del>	<del> </del>	<del> </del> -	<del> </del>	<del> </del>	<del> </del>			31,200	129 (22)	<del></del>
1,1,1-Trichloroethane	43,000		<del>}</del>		<del></del>	<del></del>	<del> </del>	<del> </del>			31.200	ļ	<del></del>
1,1,2-Trichloroethane	27 #		<del> </del>	<del></del>		<del></del>	<del></del>	<del> </del>			2000	<del> </del>	<del></del>
Trichloroethylene (TCE) Trichlorofluoromethane	21#		<del></del>	<del></del>	<del> </del>	<del></del>	<del></del>	<del> </del>		L	12,000 (20)	6400 (20)	11,500 (20.82)
2,4,5-Trichlorophenol		1 (87)	<del> </del>	<del></del>	4 (87)	10 (87)	<del> </del>	<del> </del>			12,000 (20)	0400 (20)	(1,500 (20.02)
2,4,6-Trichlorophenol	0.29#	1 (87)	<del> </del>	<del> </del>	4 (87)		<del> </del>	<del> </del>			<del></del>	<del> </del>	<del>                                     </del>
	0.29#	1 (0/)	<del> </del>	<del></del>	4 (0/)	10 (87)	<del></del>	<del> </del>			<del> </del>	<del> </del>	<del> </del>
1,1,2-Trichloropropane	<del></del>		<del> </del>		<del></del>	· <del> </del>	<del> </del>	<del>                                     </del>			<del> </del>	<del> </del>	
1,1,2-Trichloro-1,2,2-trifluoroethane			<del>                                     </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>			<del> </del>	<del> </del>	<del> </del>
Tridiphane	<del></del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			† <del></del> —		<del> </del>
			<del> </del>	<del> </del>	<del> </del>	+	<del></del>	<del></del>			<del>  ``</del>	<del> </del>	<del></del>
Triethylamine Trifluralin			<del>                                     </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>		<del></del>	<del> </del>	<del> </del>	<del>                                     </del>
Trimethylamine	<del>   </del>		<del> </del>	<del> </del>	<del> </del>	+		<del> </del>			<del> </del>	<del> </del>	<del> </del>
1,3,5-Trimethylbenzene	<del></del>		<del>                                     </del>	<del> </del>	<del> </del>	+	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>	
1,3,5-Trinitrobenzene	<del>                                     </del>		<del> </del>	<del> </del>	1	<del> </del>	<del> </del>	<del> </del>			<del> </del>	<del> </del>	
Trinitroglycerol	<del></del>		<del> </del>	<del></del>	<del> </del> -	+	<del> </del>	<del> </del>	<del></del>	<del></del>	<del> </del>	<del> </del>	
Trinitroglycerol		30 (86)	<del>†</del>	<del> </del>	120 (86)	300 (86)	<del> </del>	<del>                                     </del>		···	4850 (88)	<del> </del>	<del> </del>
Trinitrotoluene (TNT)	<del> </del>	30 (86)	<del> </del>	<del> </del>	120 (00)	300 (86)	<del> </del>	<del> </del>		<del></del>	-000 (00)	<del> </del>	<del>                                     </del>
Tris(1-aziridinyl)phosphine sulfide			<del> </del>	<del> </del>	<del> </del>	+	<del> </del>			·	<del> </del>	<del> </del>	<del> </del>
Tris(2,3-dibromopropyl)phosphate	<del></del>		-	<del></del>	<del> </del>	+	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>
Trithion		<del></del>	<del> </del>	<del> </del>	<del> </del>	+	+	<del> </del>		<del></del>	<del> </del>	<del> </del>	<del> </del>
Tryptophan-P-1	<del> </del>		<del> </del>	<del> </del>	<del> </del>	+	<del> </del>	<del>                                     </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>
Tryptophan-P-2	<del> </del>		<del> </del>		<del> </del>	<del>                                     </del>	+	<del>                                     </del>		<del></del>	<del> </del>	<del> </del>	<del> </del>
Urethane	<del>      -   -   -   -   -   -</del>		<del> </del>		<del> </del>	+	<del> </del>	<del> </del>			<del> </del>	<del> </del>	<del> </del> -
n-Valeraldehyde	<del>-</del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	+	<del> </del>			<del> </del>	<del> </del>	<del></del>
Vernem	<del> </del>		<del> </del>		<del>                                     </del>	+	<del> </del>	<del> </del>		<del> </del>	<del> </del> -	<del> </del>	<del>                                     </del>
Vinglozolin			<del> </del>	<del></del>	<del> </del>	<del></del>	<del> </del>	<del> </del>			<del> </del>	<del> </del>	<del> </del>
Vinciozolin Vinyl acetate	<del> </del> -		<del> </del>	-	<del> </del>	1	<del>\</del>	<del> </del>		<del></del>	<del> </del>	<del> </del>	<del>                                     </del>
Vinyl bromide	<del> </del>		<del> </del>		<del> </del>	<del>+</del>	<del> </del>	<del> </del>			<del> </del>	<del> </del>	<del> </del>

<del></del>		· · · · · · · · · · · · · · · · · · ·		
	Chemical			
ľ	Abstracts			
:	Service	1		
ORGANIC	Registry			
		ļ	Sunanume and Abbraul	
CONSTITUENT	Number	<u> </u>	Synonyms and Abbrevi	ations
Thioacetamide	62-55-5			
Thiobencarb	28249-77-6	Benthiocarb	Bolero	
4,4'-Thiodianiline	139-65-1			
Thiophanate-methyl	23564-05-8	Methylthiofanate		
Thiourea	62-56-6			
Thiram	137-26-8			
Toluene	108-88-3	Methylbenzene		
Toluene diisocyanate	26471-62-5	Diisocyanatotoluene		
o-Toluidine	95-53-4	2-Aminotoluene		
o-Toluidine hydrochloride	636-21-5	2-Aminotaluene hydrochlaride		
Toxaphene	8001-35-2	Camphechlor	Chlorocamphene	
2,4,5-TP (Silvex)	93-76-5	2,4,5-Trichlorophenoxypropionic acid	Silvex	
Tralomethrin	66841-25-6	RU 25474		
Triallate	2303-17-5		<del></del>	
Triasulfuron	82097-50-5	Amber		
1,2.4-Tribromobenzene	615-54-3	<del> </del>		
Tributyltin	688-73-3	твт	Tin, tributyl-	<del></del>
Trichlorion	52-68-6	Trichlorphon	Chlorofos	Dipterex
	76-03-9	A haloacetic acid	Chioroids	Dipiterex
Trichloroacetic acid	545-06-02	A haloacetic acto		<del></del>
Trichloroacetonitrile		unsymmetrical-Trichlorobenzene		
1,2.4-Trichlorobenzene	120-82-1 108-70-3	unsymmetrical- inchloropenzene		
1,3,5-Trichlorobenzene		8		
Trichlorobenzenes	12002-48-1	Benzenes, trichloro-	11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	<del></del>
1,1,1-Trichloroethane	71-55-6	1,1,1-TCA	Methyl chloroform	
1,1,2-Trichloroethane	79-00-5	1,1,2-TCA	Vinyl trichoride	
Trichloroethylene (TCE)	79-01-6	Trichloroethene	TCE	
Trichlorofluoromethane	75-69-4	Fluorotrichloromethane	Freon 11	
2,4,5-Trichlorophenol	95-95-4			
2,4,6-Trichloraphenal	88-06-2			
1,1,2-Trichloropropane	598-77-6			
1,2,3-Trichloropropane	96-18-4	Allyl trichloride		
1,1,2-Trichloro-1,2,2-trifluoroethane		Trichlorotrifluoroethane	Freon 113	
Tridiphane	58138-08-2	Tandem		
Triethylamine	121-44-8			
Trifluralin	1582-09-8	Treflan		
Trimethylamine	75-50-3	l		
1,3,5-Trimethylbenzene	108-67-8	Mesitylene	symmetrical-Trimethylbenzene	
1,3,5-Trinitrobenzene	99-35-4			
Trinitroglycerol				
Trinitrophenol	88-89-1	Picric acid		
Trinitrotoluene (TNT)	118-96-7	TNT		
Tris(1-aziridinyl)phosphine sulfide	52-24-4	Thiotepa		
Tris(2,3-dibromopropyl)phosphate	126-72-7			
Trithion	786-19-6	Carbophenothion		
Tryptophan-P-1	62450-06-0	Trp-P-1		
Tryptophan-P-2	62450-07-1	Trp-P-2		
Urethane	51-79-6	Ethyl carbamate		
n-Valeraldehyde	110-62-3	Amyl aldehyde	Pentanal	
Vemem	1929-77-7	Vernolate	PPTC	
Vindozolin	50471-44-8	Ronilan		
Vinyl acetate	108-05-4	1.33.33.	<del></del>	<del></del>
	593-60-2	Bromoethene	Bromoethylene	
Vinyl bromide	393-00-2	Toromognique	Teroupen Apple	

		Drinking Water S Maximum C	Standards (Calif Contaminant Lev	California Public Health Goal (PHG) in Drinking Water (Office of Environmental	California Sta	Other			
ORGANIC	California Dept.	of Health Services	U.S. &	nvironmental Protection A	gency	Health Hazard	(Department of	Health Services)	Taste & Odor
CONSTITUENT	Primary MCL	Secondary MCL	Primary MCL	Secondary MCL	MCL Goal	Assessment)	Toxicity	Taste & Odor	Thresholds
Vinyl chloride	0.5		2		zero	0.043 (100)		T	3400 (126)
Vinyl toluene									420 (126)
Warfarin									
Xylene(s)	1750		10,000	20 (100)	10,000	1800			17 (26.126) .
2,4-Xylidine									1800 (126)
2,6-Xylidine								T	
Zineb									
Ziram									

	USEPA Integrated Risk Information	Drinking Water Health Advisories or Suggested No-Adverse-Response		Can	One-in-a-Milli er Risk Estimate	on incremental es for Orinking \	Vater	California Proposition 65	
	System (IRIS) Reference Dose		SNARLs) r than cancer risk	Cal/EPA Cancer Potency Factor	USEPA Integrated	USEPA Drinking Water	National Academy of Sciences (NAS)	Regulatory Level as a	Agricultural
ORGANIC CONSTITUENT	as a Drinking Water Level (60)	USEPA	National Academy of Sciences (NAS)	as a Drinking Water Level (102)	Risk Information System (IRIS)	Health Advisory or SNARL	Orinking Water and Health	Drinking Water Level (14)	Water Quality Goals (78)
Vinyl chloride	21	3000 (10-day)		0,13	0.048 / 0.096 (156)	0.02 (A)	1.1	1.5#	
Vinyl toluene									
Warfarin	2						1	R	
Xylene(s)	14,000	10,000 (68)			(D)	(D.68)			1
2,4-Xylidine									
2,6-Xylidine								50 # (68)	
Zineb	350		35						
Ziram			87.5						

			USEP	A Nationa	I Recom	mended .	Ambient V	Water_Qua	ility Crit	e r i a			
		Human Health and Welfare Protection					Freshwater Aquatic Life Protection						
	Non-Cancer	Health Effects	One-in-a-Million C.	ancer Risk Estimate		Re	commend	ed Criter	ia				
	Sources of	Other Waters	Sources of	Other Waters		Continuous		Maximum			icity Informa		
ORGANIC	Drinking Water	(aquatic organism	Drinking Water	(aquatic organism	Taste & Odor	Concentration		Concentration	Instantaneous	(Lowest (	bserved Eff	ect Level)	
CONSTITUENT	(water+organisms)	consumption only)	(water+organisms)	consumption only)	or Welfare	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other	
Vinyl chloride	T	[	2.0	525							Γ .		
Vinyl toluene											1		
Warfarin													
Xylene(s)											I	<u> </u>	
2,4-Xylidine			I										
2,6-Xylidine											1	<u> </u>	
Zíneb			I									<del></del>	
Ziram											<u> </u>	<u> </u>	

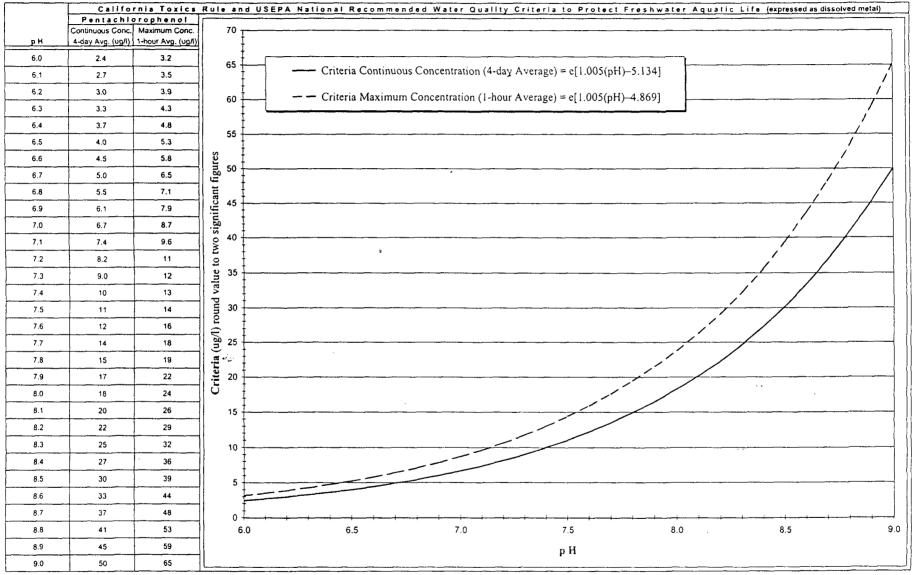
			Са	lifornia Tox	ics Rule Cr	lieria (USEP	A )		<del></del>
		Inlan	d Surface Waters			Enclosed Bays & Estuaries			
	Human Health (	30-day Average)	Freshwater Aquatic Life Protection			Human Health	Saltwater Aquatic Life Protection		
	<b>Drinking Water Sources</b>	Other Waters	Continuous	Maximum		(30-day Average)	Continuous	Maximum	
ORGANIC .	(consumption of water	(aquatic organism	Concentration	Concentration	Instantaneous	aquatic organism	Concentration	Concentration	Instantaneous
CONSTITUENT	and aquatic organisms)	consumption only)	(4-day Average)	(1-hour Average)	Maximum	consumption only	(4-day Average)	(1-hour Average)	Maximum
Vinyl chloride	2 (113,143)	525 (113,143)		I		525 (113,143)		[	
Vinyl toluene						1			
Warfarin									
Xylene(s)									
2,4-Xyfidine									
2,6-Xylidine									
Zineb									
Ziram									

			lifornia				υs					luality Crite	ria		
	NU	Numerical Water Quality Objectives							Saltwater Aquatic Life Protection						
	Human Health						R e	commend	ed Crite	ria					
	(30-day Average)		Marine Ac	uatic Life	Protection		Continuous		Maximum			icity inform			
ORGANIC	aquatic organism	6-month	30-day	7-day	Daily	Instantaneous	Concentration		Concentration	Instantaneous	(Lowest C	bserved Eff	fect Level)		
CONSTITUENT	consumption only	Median	Average	Average	Maximum	Maximum	(4-day Average)	24-hour Average	(1-hour Average)	Maximum	Acute	Chronic	Other		
Vinyl chloride	36#		T			T		1							
Vinyl toluene															
Warfarin															
Xylene(s)													<del></del>		
2.4-Xylidine															
2.6-Xylidine															
Zineb_															
Ziram					1	T				_					

ORGANIC CONSTITUENT	Chemical Abstracts Service Registry Number		Synonyms and Abbre	vlations	
Vinyl chloride	75-01-4	vc	Chloroethene	Chloroethylene	
Vinyl toluene	25013-15-4	Methyl styrene			
Warfarin	81-81-2	Coumadin	Coumafen		
Xylene(s)	1330-20-7	o-Xylene	m-Xylene	p-Xylene	
2,4-Xylidine	1300-73-8	Amino-2,4-dimethylbenzene	2,4-Dimethylaniline		
2,6-Xylidine	87-62-7	2,6-Dimethylaniline	Amino-2,6-dimethylbenzene		
Zineb	12122-67-7	Dithane Z-78			
Ziram	137-30-4				

priority autorized

## WATER QUALITY GOALS FOR ORGANIC CONSTITUENTS FRESHWATER AQUATIC LIFE - PENTACHLOROPHENOL



# FOOTNOTES

#### FOOTNOTES

- (7-day) For exposure of 7 days or less.
- (10-day) For exposure of 10 days or less.
- (24-hr) For exposure of 24 hours or less.
- Y(A) Known human carcinogen; sufficient epidemiologic evidence in humans.

benzene, arsent

- (B) Probable human carcinogen.
- (B1) Probable human carcinogen; limited epidemiologic evidence in humans.
  - 2) Probable human carcinogen; sufficient evidence from animal studies; no or inadequate human data.
- (C) Possible human carcinogen; limited evidence from animal studies; no human data.
- Not classified as to human carcinogenicity; no data or inadequate evidence.
- (E) Evidence of non-carcinogenicity for humans.
- (1) Expressed as dissolved.
- (2) Expressed as total recoverable.
- (3) Varies from 1.4 to 2.4 mg/L with air temperature; see Title 22, CCR, Section 64435, Table 4.
- (4) For dissolved chloride associated with sodium; criterion probably will not be adequately protective when chloride is associated with potassium, calcium, or magnesium, rather than sodium.
- (5) Based on reproductive toxicity; applies only to second value if more than one value is listed.
- (6) Pentavalent arsenic (As(V)) effects on plants.
- (7) Calculated for child / for adult.
- (8) Advisory concentration; U.S. EPA Water Quality Advisory; Reference 13.
- (9) As CaCO<sub>3</sub>; minimum concentration except where natural concentrations are less.
- (10) From Reference 11.
- (11) For dinitrophenols.
- (12) Value developed for chromium (VI); may be applied to total chromium if valence unknown.
- (13) For sum of bromoform, bromomethane, chloromethane, dibromochloromethane, and bromodichloromethane
- (14) Regulatory dose level divided by 2 liters per day average consumption; represents a 1-in-100,000 incremental cancer risk estimate unless otherwise noted.
- (15) Determined not to pose a risk of cancer through ingestion (Title 22, CCR, Section 12707).
- (16) Toxicity to one species of fish after 2600 hours of exposure.
- (17) Mortality in a fish species after 30 day exposure.
- (18) Applies separately to endrin and endrin aldehyde.
- (19) For total trihalomethanes (sum of bromoform, bromodichloromethane, chloroform and dibromochloromethane); based largely on technology and economics.
- (20) For halomethanes.
- (21) Based on limited evidence.
- (22) For chlorinated benzenes.
- (23) Toxicity to a fish species exposed for 7.5 days.
- (24) For dichlorobenzenes.
- (25) 1983 Suggested-No-Adverse-Response Level; to be reviewed in the future.
- (26) From Reference 8.
- (27) For dichloroethylenes
- (28) For dichloropropanes.
- (29) For dichloropropenes.
- (30) For heptachlor and heptachlor epoxde.
- (31) Adverse behavioral effects occur to one species.
- (32) As CaCO<sub>3</sub>; minimum criterion except where natural concentrations are less.
- (33) For sum of acenaphthylene, anthracene, benz(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, - (34) Flavor impairment in a fish species occurs.
- (35) Mortality to early life stages of a fish species occurs.
- (36) Based on organoleptic considerations (taste, odor, color, laundry staining, etc.)

- (37) For mononitrophenols.
- (38) Toxicity to algae occurs
- For chlorinated systems.
- (40) For white phosphorus.
- (41) For carcinogenic polynuclear aromatic hydrocarbons.
- (42) For endosulfan-alpha, endosulfan-beta and endosulfan sulfate.
- (43) For benzene hexachloride isomers.
- 44) Calculated from corn oil gavage animal study / from drinking water animal study.
- (45) For sum of phthalate esters.
- (46) For chloroalkyl ethers,
- (47) For tetrachloroethanes,
- (48) For chlorinated naphthalenes.
- 9) 1980 U.S. EPA Suggested-No-Adverse-Response Level
- (50) For DDT, DDD, and DDE.
- (51) From Reference 9
- (52) For polynuclear aromatic hydrocarbons.
- (53) For dinitrotoluenes.
- (54) From Reference 20.
- (55) From Reference 30.
- (56) For pitrosamines
- (57) Guidance level assumes relative source contribution of 10% from drinking water; Reference 3.
- (58) For haloethers
- (59) Chronic Suggested-No-Adverse-Response Level was estimated to be 100-fold lower than the listed 24-hour value in calculation this level.
- 60) Assumes 70 kg body weight, 2 liters/day water consumption, and 20% relative source contribution from drinking water. An additional uncertainty factor of 10 is used for Class C carcinogens.
- (61) 6-month median
- 62) For pH between 6.5 and 9.0.
- (63) Average chain length, C12; approximately 60% chlorine by weight.
- (64) Based on kepone.
- (65) Value for the technical grade of chemical or mixture of isomers.
- (66) As CI; federal limit effective 12/17/01 for surface water systems serving > 10,000 people; federal limit effective 12/17/03 for all other systems; maximum residual disinfectant level and goal; apply only if this disinfectant is used.
- 67) As CIO2; federal limit effective 12/17/01 for surface water systems serving >10,000 people; federal limit effective 12/17/03 for all other systems; maximum residual disinfectant level and goal; apply only if this disinfectant is used.
- (68) Draft / tentative / provisional; applies only to second value if more than one value listed.
- (69) For Arochlor 1260
- (70) At pH 6.8, caused 50% reduction in growth of yearling sockeye salmon in 56-day test.
- (71) May be present as a decomposition product in Ferbam, Maneb, Nabam, Thiram, Zineb, and Ziram.
- (72) As NO3; in addition, MCL for total nitrate plus nitrite = 10,000 ug/L (as N).
- (73) Recommended level; Upper level = 500 mg/L; Short-term level = 600 mg/L.
- (74) Recommended level; Upper level = 1600 umhos/cm; Short-term level = 2200 umhos/cm.
- (75) Recommended level; Upper level = 1000 mg/L; Short-term level = 1500 mg/L.
- (76) For \*TCDD equivalents" calculated as the sum of 2,3,7,8-chlorinated dibenzodioxin and dibenzofuran concentrations multiplied by their respective USEPA Toxicity Equivalency Factors.
- (77) For 1,2- and 1-3-dichlorobenzenes.
- (78) Unless otherwise noted, from Reference 19.
- (79) For elemental phosphorus; marine or estuarine.
- (80) Instantaneous maximum.
- (81) For exychlordane and alpha and gamma isomers of chlordane, chlordene and nonachlor,
- (82) A decrease in the number of algal cells occurs.
- (83) Adverse effects on a fish species exposed for 168 days.

#### FOOTNOTES

- (84) At no time exceed 5 NTU; systems that filter must not exceed 1 NTU (0.5 NTU for conventional or direct filtration) in at least 95% of daily samples in any month. Effective December 2001, 0.3 NTU for conventional or direct filtration systems serving >10,000 people. Proposed 0.3 NTU 95th percentile and 1 NTU maximum for systems serving <10,000 people.</p>
- (85) Expressed as total recoverable; this National Toxics Rule criterion applies to SF Bay through Susuin Bay and Sacramento-San Joaquin Delta, Salt Slough, Mud Slough (north), and San Joaquin River, Sack Dam to mouth of Merced River; does not apply to San Joaquin River, mouth of Merced to Vernalis; see reference 23.
- (86) For nonchlorinated phenolic compounds.
- (87) For chlorinated phenolic compounds.
- (88) For nitrophenois.
- (89) Expressed as nitrogen
- (90) For total chlorine residual: for intermittent chlorine sources see Chapter IV. Table B of Reference 28.
- (91) Second value from Reference 16.
- (92) For 3 3'-Dichlorobenzidine and its salts
- (93) Based on toxicity of benzo(a)pyrene and Potency Equivalency Factors of Cal/EPA, OEHHA; see Reference 18.
- (94) Criterion refers to the inorganic form only.
- (95) For the pentavalent form.
- (96) EC50 for eastern oyster embryos.
- (97) Expressed as total recoverable; this National Toxics Rule criterion applies to SF Bay through Susuin Bay and Sacramento-San Joaquin Delta, Salt Slough, Mud Slough (north), and San Joaquin River, Sack Dam to mouth of Merced River, does not apply to Grassland Water District, San Luis National Wildlife Refuge, and Los Banos State Wildlife Refuge; see reference 23.
- (98) For total residual chlorine.
- (99) For sum of chlorine-produced oxidants.
- (100) Proposed; applies only to second value if more than one value is listed.
- (101) MFL = million fibers per liter; limited to fibers longer than 10 um.
- (102) Assumes 70 kg body weight and 2 liters/day water consumption.
- (103) As nitrogen (N); in addition, limit for total nitrate + nitrite = 10,000 ug/L (as N),
- (104) Based on endosulfan: USEPA Water Quality Advisory; Reference 13.
- (105) No more than 0.05% monomer when dosed at 1 mg/L for drinking water treatment; see Reference 2.
- (106) For five haloacetic acids (sum of mono-, di-, and trichloroacetic acids and mono- and dibromoacetic acids).
- (107) Unleaded; based on benzene
- (108) For molecules with 60% chlorine or greater by molecular weight; applies only to second value if more than one value listed.
- (109) Optimal fluoride level and (range) vary with annual average of maximum daily air temperature; 50.0 to 53.7 degrees F 1.2 (1.1 1.7) mg/L; 53.8 to 58.3 degrees F 1.1 (1.0 1.7) mg/L; 58.4 to 63.8 degrees F 1.0 (0.9 1.5) mg/L; 63.9 to 70.6 degrees F 0.9 (0.8 1.4) mg/L; 70.7 to 79.2 degrees F 0.8 (0.7 1.3) mg/L; 79.3 to 90.5 degrees F 0.7 (0.6 1.2) mg/L.
- (110) Picocuries per liter; including Radium-226 but excluding Radon and Uranium.
- (111) MCL includes this "Action level" to be exceeded in no more than 10% of samples at the tap.
- (112) Criterion expressed as unionized ammonia; criteria based on total ammonia are shown on Inorganics Page 14.
- (113) Based on carcinogenicity at 1-in-a-million risk level.
- (114) Developed as 24-hour average usinig 1980 USEPA Guidelines; but applied as 4-day average in the National Toxics Rule, reference 22.
- (115) Criterion most appropriately applied to the sum of alpha-Endosulfan and beta-Endosulfan. Reference 26.
- (116) Applies separately to Aroctors 1242, 1254, 1221, 1232, 1248, 1260, and 1016; based on carcinogenicity at 1-in-a-million risk level.
- (117) Effluent limitation for wastes discharged to waters.
- (118) For the sum of Aroctors 1016, 1221, 1232, 1242, 1248, 1254, and 1260.
- (119) Cancer classification not supported by indestion data.
- (120) For isomers with chlorines in 2,3,7 and 8 positions.
- (121) Cancer risk may not be linear with dose above 60 ug/L.
- (122) For the oxide form.

- (123) For the pentoxide form
- (124) For the gas phase.
- (125) Applies to first value if more than one value listed. From Reference 7.
- (126) Applies to second value if more than one value listed. Water-dilution odor threshold calculated from air odor threshold using equilibrium distributions. From Reference 29.
- (127) For protection of consumers of marine moluscs.
- (128) Virtually free from oil and drease, particularly from the tastes and odors that emanate from petroleum products.
- (129) 0.01 of the lowest continuous flow 96-hour LC50 to several important freshwater and marine species, each having a demonstrated high susceptibility to oils and petrochemicals; surface waters shall be virtually free from floating nonpetroleum oils of vegetable or animal origin, as well as petroleum derived oils.
- (130) Waters shall be virtually free from substances producing objectionable color for aesthetic purposes; the source of supply should not exceed 75 color units on the platinum-cobalt scale for domestic water supplies.
- (131) Increased color, in combination with turbidity (suspended and settleable solids) should not reduce the depth of the compensation point for photosynthetic activity by more than 10% from the seasonally established norm for aquatic life.
- (132) For open ocean waters where depth is substantially greater than euphotic zone, pH should not be changed > 0.2 units from naturally occurring variation or in any case outside of range 6.5 to 8.5. For shallow highly productive coastal and estuanine areas where naturally occurring pH variations approach the lethal limits of some species, change in pH should be avoided but in any case should not exceed limits for freshwater., i.e., 6.5 to 9.0.
- (133) For chlorides and sulfates in domestic water supplies.
- 34) Based on the assumption that 7.2% of Cr is Cr(VI).
- (135) Expressed as total recoverable; may be converted to a value expressed as dissolved by multiplying by 0.922.
- 136) The Maximum Concentration is equal to 1/ [(1/1/185.9) + (12/12.83)], where f1 and f2 are the fractions of total selenium that are treated as selenite and selenate, respectively.
- (137) Expressed as free cyanide (as CN).
- (138) Not toxic to aquatic organisms at or below the solubility limit of this chemical. Reference 26.
- (139) The derivation of this criterion did not consider exposure through the diet, which is probably important for aquatic life occupying upper trophic levels. Reference 25.
- (140) Criterion derived from data for inorganic mercury (II), but is applied to total mercury. It will probably be underprotective if a substantial portion of mercury in the water column is methylmercury. Derivation of criterion did not consider exposure through the diet, which is probably important for aquatic life occupying upper trophic levels. Reference 26.
- (141) See Reference 16.
- (142) Criteria do not apply to waters subject to water quality objectives in Tables III-2A and III-2B of the San Francisco Bay Regional Water Quality Control Board's 1986 Basin Plan. See Reference 17.
- (143) These criteria were promulgated for specific California waters in the National Toxics Rule, Reference 23.
- 44) Applies to "TCDD Equivalents" calculated from the concentrations of 2.3.7,8-chlorinated dibenzodioxins and 2,3,7,8-chlorinated dibenzofurans and their corresponding toxic equivalency factors (TEFs); see Reference 27.
- (145) No more than 0.01% monomer when dosed at 20 mg/L for drinking water treatment; see Reference 2.
- 46) From Reference 31.
- (147) Effective 12/17/01 for surface water systems serving >10,000 people; effective 12/17/03 for all other systems.
- (148) Effective date postponed.
- (149) 100 ug/L TYHM MCL effective until 12/17/01 for systems serving >10,000 people, then 80 ug/L MCL is effective; effective date for 80 ug/L MCL is 12/17/03 for all other systems.
- (150) Applies to the lithium salt.
- (151) Criterion derived by the California Department of Fish and Game; not a national recommended criterion. Applies to first value if more than one value is listed. From Reference 32.
- (152) Interim criterion derived by the California Department of Fish and Game; not a national recommended criterion. Applies to first value if more than one value is listed. From Reference 32.
- 153) For the (+2) valence state.
- (154) Second and third values are draft criteria. Second value derived using nonlinear approach assuming a relative source contribution. Third value derived using linear approach without a relative source contribution.
- (155) A based on inhalation exposure data / D based on oral exposure data.
- (156) Adult exposure / exposure from birth.
- (157) Action Level temporarily at 1-in-100,000 risk level.

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Table X. Summary of 7-day *Ceriodaphnia* toxicity test conducted on samples collected from the Calleguas Creek watershed on 2 December 1998.<sup>2</sup>

Treatment	Reprod	luction <sup>1</sup> es/adult)	Mortality <sup>1</sup> (%)	Final pH at 24 hours
	X	se		
Laboratory Control	25.1 <sup>P</sup>	1.3	10 <sup>P</sup>	8.48
Station 3 - Arroyo Simi below HWY 118	27.3	0.7	0	8.68
Station 1 - Arroyo Simi above SVWQCP	25.9	0.8	0	8.36
Station 11 - Conejo Creek	*	*	100 (5)	8.63

- P. The laboratory control met all EPA criteria for test acceptability. 90% of the daphnids had a third brood.
- 1. Highlighted cells indicate a significant reduction in reproduction or increase in mortality relative to the laboratory control water. The mortality endpoint was analyzed using Fisher's Exact Test. The reproductive endpoint was analyzed using Dunnett's Test (p<0.05).
- 2. This test was set up on 4 December 1998.
- \* Due to significant mortality observed in this sample, reproduction was not calculated.
- (#) Number in parentheses represents days to 100% mortality.

Table X. Summary of 7-day *Pimephales* toxicity test conducted on samples collected from the Calleguas Creek watershed on 3 February 1999.<sup>2</sup>

Treatment		wth <sup>1</sup> indiv)	Mortal	ity (%) <sup>1</sup>	Final pH at 24 hours
	Х	se	X	se	
Laboratory Control	$0.380^{P}$	0.019	2.5 <sup>P</sup>	3.0	8.14
Laboratory Control amended to pH 6.5	0.383	0.013	2.5	3.0	8.20
Station 3 - Arroyo Simi below HWY 118	*		100.0	0.0	8.52
Station 3 - Arroyo Simi below HWY 118 amended to pH 6.5	0.394	0.018	15.0	9.0	8.04
Station 1 - Arroyo Simi above SVWQCP	0.479	0.044	15.0	3.0	8.11
Station 11 - Conejo Creek	0.260	0.000	95.0	5.0	8.57
Station 11 - Conejo Creek amended to pH 6.5	0.433	0.009	7.5	3.0	8.14

## Quality Assurance Samples

Treatment	Growth <sup>1</sup> (mg/indiv)		Mortali	Final pH at 24 hours	
	х	se	X	se	
Station 3 - Arroyo Simi below HWY 118	*	*	100.0	0.0	8.52
Station 3 - Arroyo Simi below HWY 118 duplicate	*	*	100.0	0.0	8.61

- P. The laboratory control met the criteria for test acceptability.
- 1. Highlighted areas indicate a significant increase in mortality or decrease in growth when compared to the laboratory control. The growth and mortality endpoints were analyzed with Dunnett's Test (p<.05).
- 2. The samples were collected on 3 February 1999. This test was set up on 5 February 1999.

Table X. Summary of 7-day *Ceriodaphnia* toxicity test conducted on samples collected from the Calleguas Creek watershed on 3 March 1999.<sup>2</sup>

Treatment	Reprod	luction <sup>1</sup> es/adult)	Mortality <sup>1</sup> (%)	Final pH at 24 hours	
	x	se		! 	
Laboratory Control	23.5 <sup>P</sup>	0.6	O <sub>b</sub>	8.33	
Laboratory Control amended to 2000 µmhos/cm	21.2	1.1	0	8.24	
Station 3 - Arroyo Simi below HWY 118	<b> </b>	*	90	8.55	
Station 1 - Arroyo Simi above SVWQCP	23.4	0.8	0	8.19	
Station 11 - Conejo Creek	17.7	2.2	0	8.53	

- P. The laboratory control met all EPA criteria for test acceptability. 100% of the daphnids had a third brood.
- 1. Highlighted cells indicate a significant reduction in reproduction or increase in mortality relative to the laboratory control water. The mortality endpoint was analyzed using Fisher's Exact Test. The reproductive endpoint was analyzed using Dunnett's Test (p<.05).
- 2. This test was set up on 4 June 1999.
- \* Due to significant mortality observed in this sample, reproduction was not calculated.

Table X. Summary of water chemistry measurements on samples collected from the Calleguas Creek watershed on 7 April 1999.

Treatment	Field	Field pH	Field EC	Lab pH	Lab EC	Lab DO	Total Hardness	Alkalinity	Ammonia
	Temp		(µmhos/cm)		(µmhos/cm)	(mg/L)	(mg/L as CaCO <sub>3</sub> )	(mg/L as CaCO <sub>3</sub> )	mg/L
	(°C)								NH <sub>4</sub> <sup>+</sup>
Lab Control (EPAMH)				8.18	282	8.6	84	62	
Lab Control (SSEPAMH)				8.18	229	8.6	92	68	
Station 3 - Arroyo Simi below HWY 118	11.7	7.80	812	8.00	777	8.5	264	124	9.6
Station 1 - Arroyo Simi above SVWQCP	11.1	8.00	913	8.18	869	8.4	344	126	18
Station 11 - Conejo Creek	14.8	7.80	1097	8.12	949	8.7	308	182	0.2